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An Update of the Statistics of Oceanographic Data based on Hydrographic/CTD casts made at Stations 1 through 6 along Line P during January 1969 through September 1990

by
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1992

Canadian Data Report of Hydrography and Ocean Sciences No. 108

Fisheries and Oceans Pêches et Océans

Canada

93-01887/

Canadian Data Report Of Hydrography and Ocean Sciences

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Les établissements des Sciences et levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports en décembre 1981. Une liste complète de ces publications figure dans le volume 39, Index des publications 1982, du *Journal canadien des sciences halieutiques et aquatiques*. La série actuelle a commencé avec la publication du rapport numéro 1 en janvier 1982.

Canadian Data Report of Hydrography and Ocean Sciences No. 108

1992

AN UPDATE OF THE STATISTICS OF OCEANOGRAPHIC DATA BASED ON HYDROGRAPHIC/CTD CASTS MADE AT STATIONS 1 THROUGH 6 ALONG LINE P DURING JANUARY 1959 THROUGH SEPTEMBER 1990

by

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Cat. No. FS 97-16/108 ISSN 0711-6721

Correct citation for this publication:

Tabata, S. and W.E. Weichselbaumer. 1992. An update of the statistics of oceanographic data based on hydrographic/CTD casts made at Stations 1 through 6 along Line P during January 1959 through September 1990. Can. Data Rep. Hydrogr. Ocean Sci. 108:317 pp.

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ABSTRACT

Tabata, S. and W.E. Weichselbaumer. 1992. An update of the statistics of oceanographic data based on hydrographic/CTD casts made at Stations 1 through 6 along Line P during January 1959 through September 1990. Can. Data Rep. Hydrogr. Ocean Sci. 108:317 pp.

A new set of statistics of hydrographic/CTD data, based on observations made at Stations 1 through 6 along Line P during January 1959 through September 1990, has been compiled. As has been the case for the previous compilation, the statistics (mean, standard deviation, minimum and maximum values and number of observations) are presented in two main groups. In one, values at each "standard" pressure level (0, 10, 20, ..., 4200 decibars) are provided; in the second, information on σ_t-surfaces, at intervals of 0.2 unit (25.0, 25.2, 25.4,..., 27.0) and at finer intervals for water at greater depths, is given. The water properties and parameters considered are: temperature, salinity, dissolved oxygen content (oxyty), depth, σ_t, specific volume anomaly, potential temperature, "potential" specific volume anomaly, dynamic height (relative to the surface and to the 1000-decibar level), potential energy (relative to the surface), sound speed and acceleration potential (relative to the 1000-decibar level). Overall statistics (using all data) and mean monthly values are presented.

key words: North Pacific Ocean, open-ocean time series, hydrographic/CTD data, ocean climatology.

RÉSUMÉ

Tabata, S. and W.E. Weichselbaumer. 1992. An update of the statistics of oceanographic data based on hydrographic/CTD casts made at Stations 1 through 6 during January 1959 through September 1990. Can. Data Rep. Hydrogr. Ocean Sci. 108:317 pp.

Une nouvelle collection de statistiques des données hydrographiques (CTD), basée sur les observations prises aux stations 1 à 6 le long de la Ligne P pendant la période de janvier 1959 à septembre 1990, a été compilée.

Comme ce fût le cas pour la compilation précédente, les statistiques (moyenne, écart type, valeurs minimum et maximum, et nombre d'observations) sont présentées en deux groupes. L'un donne les valeurs à chaque niveau de pression "standard" (0, 10, 20 ..., 4200 décibars). L'autre fournit des information sur les surfaces de σ_t à des intervalles de 0.2 unité (25.0, 25.2, 25.4 ..., 27.0) et à des intervalles plus rapprochés en eau plus profonde. Les propriétés de l'eau et les paramètres considérés sont: température, salinité, oxygène dissous, profondeur, température potentielle, anomalie spécifique de volume, hauteur dynamique (relative à la surface et au niveau de 1000-décibars) énergie potentielle (relative à la surface), vitesse du son, et potentiel d'accélération (relatif au niveau de 1000-décibars). Les statistiques globales (en utilisant toutes les données) et les valeurs moyennes mensuelles, sont aussi présentées.

Mots-clés: océan Pacifique Nord, séries chronologiques du milieu océanique, données hydrographiques/CTD, climat océanique.

ACKNOWLEDGEMENTS

The efforts of all personnel who participated in the observational program at Station P and Line P, from the inception of the program in August 1956 through to the termination in June 1981 have been acknowledged previously (Tabata and Peart: 1985a, 1985b, 1986). The Ocean Climate Monitoring program that continued the series of observations at Station P and Line P since has involved about 90 observers in 36 cruises during August 1981-September 1990. The following members contributed greatly to the success of the observational program:

Anderson, A. (1) PBS
Ashton, H.J. (3) uc
Batchelder, H. (2) OSU
Bellegay, R.D. (24)
Bernard, F. (1) PBS
Bigham, R.H. (7)
Binks, J. (1) CWS
Bradley, B. (1) NCAR
Breault, A. (1) s
Brown, R. (1)
Burns, K. (1) U Car.
Bychkov, A. (1) POI
Campbell, C. (1) CWS
Candela, J. (1) CICESE
Canning, B. (1)
Colegrave, C. (1) s
Curran, T. (1)
Damtoft, M. (1) s
De Jong, C. (7)
Demsey, M. (1) s
Denman, K.L. (1)
Duffy, T. (1) AES
Earme, A. (1) s
Engemoen, D. (1) AES
Forbes, J.R. (1)
Forgie, W. (1) te
Forsland, V. (2) uc
Glennie, C. (1) MEDS
Goldberg, H. (3) uc
Hanks, D. (2) s
Hill, C. (1)
Hofland, A. (1) uc
Hwang, G. (1) s
Ibadulyayev, O. (1) POI
Iseki, K. (8) uc
Johnson, K. (3)
Juhasz, T. (5)
Karowe (2) WHOI
Knox, M. (2) U Wash
LeBrasseur, R. (1) PBS
Love, J. (7)
Lund, P. (2) s
Macdonald, D. (2)
McIntosh, L. (5) UV, PG
McKinnon, S. (1)
Mackas, D. (1)
Manganini, S. (6) WHOI
Meikle, J. (2)
Mildenberger, D. (1) s
Minkley, B.G. (24)
Moat, A. (2) te
Moore, D. (1)
Mullin, T. (1)
Olsen, R. (1) U Miami
Osterman, R. (1) WHOI
Pariniuk, M. (1) uc
Pavlova, G. (1) POI
Powell, C. (1) s
Powers, T. (3)
Quay, P. (1) U Wash
Rendell, C. (1) uc
Ridal, J. (1) s
Riske, L.W. (1) s
Rome, E. (1) PBS
Schneider, B. (1) s
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Smith, G. (1)
Soutar, T. (22)
Spear, D. (1) MEDS
Spearing, L.A.F. (12)
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Tabata, S. (4)
Tappa, E. (5) WHOI
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Tichchenko, P. (1) POI
Trentin, W. (2) te
Tuele, D. (1)
Vermeer, K. (1) CWS
Waring, W. (1) PBS uc
Welch, K. (1) s
Westlake, A. (1) te
Whitney, F. (12)
Wu Jin Ping (3) UBC
Yelland, D. (13)
Zheng, J.C. (4) TIO
Zheng, M.S. (1) TIO

Abbreviations used:

AES:	Atmospheric Environment Service
Car:	Carolina (USA)
CICESE:	Centro de Investigacion Cientifica Y Educacion Superior de Ensenada (Mex)
CWS:	Canadian Wildlife Service
MEDS:	Marine Environmental Data Service
Mex:	Mexico
NCAR:	National Centre for Atmospheric Research (USA)
OSU:	Oregon State University (USA)
PBS:	Pacific Biological Station
PG:	B.C.: Provincial Government
SIO:	Scripps Institution of Oceanography (USA)
SU:	Soviet Union
s:	student
te:	term employee
TIO:	Third Institute of Oceanography (China)
uc:	under contract
U:	University
UBC:	University of B.C.
UV:	University of Victoria
USA:	United States of America
WHOI:	Woods Hole Oceanographic Institution (USA)

The following ships participated in the program:

CSS **Parizeau** (23):	Masters:	B. Newton (3) A. Chamberlain (9) P. Frost (7) J. Anderson (2) S. Gulati (1) J. Campbell (1)
CSS **J.P. Tully** (3):	Masters:	B. Newton (2) J. Anderson (1)
CSS **W.E. Ricker** (2):	Master:	A.J. Ranger (2)
CFS **Endeavour** (8)	Masters:	S. Bowles (2) W. McMunagle (6)

The number in brackets following a name represents the number of cruises that a person or ship/master made. The affiliations of the observers not connected with the Institute of Ocean Sciences are indicated.

The initial computer-processing of data was undertaken by J. Linguanti. B.J. Minkley, P.M. Kimber and D. Ramsden also assisted in the preparation of data for analysis and A. Delacretaz prepared the typesetting. R. Brown kindly reviewed the manuscript.

E.P. Fleischer of Defence Research Establishment Pacific was overlooked in previous acknowledgements. He provided the much needed technical assistance, such as repairing winches and oceanographic booms and blocks, replacing hydrographic and bathythermograph cables, supplying tools and materials needed in sea-going operations, etc. and for the contribution to the design specifications for oceanographic *acilities of the new weatherships and CSS **Parizeau**. His enthusiastic support during the early years, 1956 through 1967, is much appreciated.

We are grateful to all the people mentioned above and in the earlier publications and to the crew of the ships for contribution to the acquisition of the ocean time-series data.

INTRODUCTION

In recent years the importance of the oceans to global climatic changes has been given much attention and consequently the study of the oceans from this standpoint has received major consideration in global climate studies. This shift in emphasis has resulted in the need for examining the ocean within a greater time frame than was done previously. However, long ocean time-series data are not readily available except for a small number of areas - Station P and Line P (between the Pacific coast of Canada and Station P) off the Pacific coast of Canada, the CALCOFI lines of stations off California, in the Kuroshio region off Japan, Station S off Bermuda and Station M in the Norwegian Sea.

Although bathythermograph observations were made at 2-hourly intervals or every degree of longitude (approximately 72 kilometres) along Line P from July 1952 (Pacific Oceanographic Group, 1957), regular oceanographic stations along Line P were not established until January 1959. To date there is a little more than 30 years of oceanographic data available for the Line. The 12 stations along Line are shown in Figure 1. The program of observations for the Line has changed from time to time as indicated in Table 1. It has been occupied at regular intervals of approximately 6 weeks while the weatherships were in service; however, with their withdrawals in June 1981 it has been occupied at much less interval, usually 3 to 4 times per year. Since this date the number of stations along the Line for each cruise has doubled that of the previous period. Most of these stations lie midway between those shown in Figure 1. It is of interest to note that while only data from one cast were available for each station for November during the previous period, several are accessible after June 1981.

The statistics of representative oceanographic data for Station P and Line P, based on observations made during August 1956 through June 1981 by Canadian weatherships have been published previously (Tabata and Peart, 1985a; 1985b; 1986). The updated statistics for Station P (P26) were just recently published (Tabata and Weichselbaumer, 1992). The present report contains an update of statistics for Stations 1 through 6 of the Line reported earlier in 1985 (Tabata and Peart, 1985b).

DATA RECORD

The original physical oceanographic data, both raw and derived quantities, are kept on file at the Institute of Ocean Sciences. A copy of the raw data is archived at the Marine Environmental Data Services Branch of the Department of Fisheries and Oceans of Canada (1202-200 Kent Street, Ottawa, Ontario, Canada, K1A 0E6). They are based on hydrographic and CTD casts made along 6 stations on Line P during January 1959 through September 1990. Not all the data archived have been used in the compilation of statistics. Firstly, only the observations made within 15 kilometres of the designated positions (Table 2) were utilised. Secondly, data determined by us to be of questionable quality have been removed from the set before analysis. They were "edited" out during the initial stage of data-processing, that is, before the data were processed for archiving. Such "erroneous" data may consist of, in the case of hydrographic casts, values of temperature, salinity and

dissolved oxygen content at depth which exceeded 2 times the standard deviation of the corresponding cruise mean (determined over observations during the 6-week period). When the period was short, say over few to several days, values that exceeded 3 times the standard deviation of the corresponding long-term mean were not considered. Usually, the errors were attributed to leaking sampling bottles and were detected by use of the temperature-salinity-oxygen relationship. For CTD casts deleted data would include values that suffered from a consistent shift in the temperature/salinity distribution with depth. Such a shift was attributable to the drift in the CTD system.

STATISTICS

The statistics presented here are the derived physical oceanographic data at each "standard" pressure level (0, 10, 20, ..., 4200 decibars) and on selected σ_t-surfaces at 0.2 intervals (24.0, 24.2, 24.4, ..., 27.4) and at smaller intervals for water at greater depths. The properties and parameters of water selected for compilation are: temperature, salinity, oxyty, σ_t, specific volume anomaly, potential temperature, "potential" specific volume anomaly, dynamic height relative to the surface and 1000-decibar level, potential energy relative to the surface, sound speed, depth of σ_t surfaces and acceleration potential relative to the 1000-decibar surface. For each parameter the mean, standard deviation, maximum and minimum values, and number of observations are tabulated.

Statistics based on all data (not on 12 mean monthly values), as well as mean monthly values are presented. The abbreviations and units of variables used are given in Table 3.

It is to be noted that for low σ_t values (<26.2) the statistics for water properties or parameters using all data do not necessarily reflect the true statistical character of the water. The reason for this is that during winter the upper layers of the ocean invariably attain a density sufficiently high that water with less than 26.2 no longer exists.

Unlike the statistics derived for Station P data which are based on observations taken regularly over the 34-year period, those for some of the stations along Line P are biased because of gaps in their time-series record. For instance, there are no data available at Stations 1 and 2 for 4 years (1960 through 1963). Very few data are available for the entire Line during mid-1966 to mid-1968.

As mentioned earlier the number of stations along Line P has doubled since June 1981. With only 9 years of records the resulting statistics may not be meaningful. As a result although they have been calculated and are available at the Institute they are not published.

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Tabata, S. and J.L. Peart. 1985b. Statistics of oceangraphic data based on hydrographic/STD casts made at Stations 1 through 6 along Line P during January 1959 through June 1981. Canadian Data Report of Hydrography and Ocean Sciences No. 38, 447 pp.

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Tabata, S. and W.E. Weichselbaumer. 1992. An update of hydrographic/CTD data taken at Ocean Station P (May 1956 -September 1990). Canadian Data Report of Hydrography and Ocean Sciences No. 107, 75 pp.

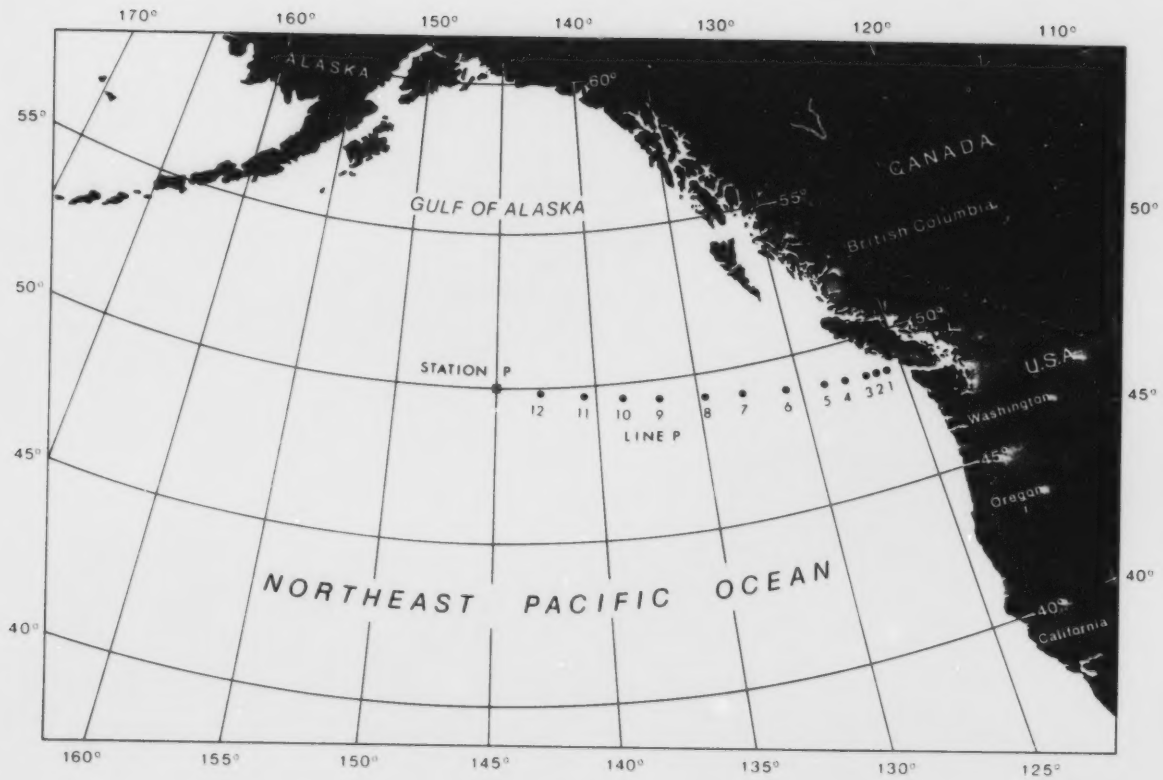

Figure 1. Location of Ocean Station P and Line P in the northeast Pacific Ocean.

Table. 1	A summary of oceanographic programs at Station P and Line P
December 1949	Occupation of Station P began. Station operated by U.S. Weather Bureau with vessels manned by U.S. Coast Guard. Bathythermograph casts started immediately and continued until November 1950.
December 1950	Occupation of Station P by Canadian weathership commenced.
July 1952	Twice-daily bathythermograph casts initiated and continued to June 1981.
July 1956	Oceanographic observations including hydrographic casts to maximum depth of 1200 metres (m), plankton hauls, etc. commenced. They were scheduled for one of the two weatherships and provide data through alternate six-week periods. The maximum was increased to 2000 m later but only in a few instances did the cast reach 2000 m during 1957 through 1959. However, one cast to 3000 m was recorded in 1957. Note that University of Washington obtained hydrographic casts to maximum depth of approximately 3500 m, 2500 m and 1000 m in May, June and July, respectively.
April 1959	Hydrographic casts at 5 stations along Line P initiated. However, a line of stations here was occupied by CNAV Oshawa in January 1959.
March 1959	Maximum depth of hydrographic casts at Station P increased to 4200 m.
May 1960	Positions of Line P stations altered.
February 1962	Number of stations along Line P increased to maximum of 10.
August 1964	Two more stations added to Line P.
April 1967	New weathership, CCGS **Vancouver**, replaced CCGS **St. Catharines**.
October 1967	Second, new weathership, CCGS **Quadra**, replaced CCGS **Stonetown**.
January 1969	Both weatherships commenced regular oceanographic observations.
April 1969	Bissett-Berman STD used for the first time. From this time onward both STD (or CTD), as well as hydrographic casts, were made.
April-October 1974	CSS **Parizeau** replaced CCGS **Quadra** while the latter was occupied with GATE program.
August 1974	Guildline CTD introduced to make observations.
August 1978	Plessey STD (previously called Bissett-Berman STD) used for the last time.
June 1981	Final series of observations made by the weathership (CCGS **Quadra**).
August 1981	From this month onward observations continued at Station P and Line P at intervals of 3-6 times per year. Number of stations along the line doubled.

Table 2. Particulars of oceanographic stations along Line P

Station Number Old	New	Latitude (° 'N)	Longitude (° 'W)	Depth (m)	Distance between stations (km)	Remarks
1	P01	48 34.5	125 30.0	120	37	on continental shelf 32 km from nearest shore
2	P02	48 36.0	126 00.0	114	49	on continental shelf 48 km from nearest shore
3	P04	48 39.0	126 40.0	1300	74	on continental slope 74 km from nearest shore
4	P06	48 44.6	127 40.0	2500	73	edge of continental slope 109 km from nearest shore
5	P08	48 49.0	128 40.0	2440	147	154 km from nearest shore
6	P12	48 58.2	130 40.0	3300	146	233 km from nearest shore
7	P14	49 07.4	132 40.0	3275	145	
8	P16	49 17.0	134 40.0	3550	145	
9	P18	49 26.0	136 40.0	3775	145	
10	P20	49 34.0	138 40.0	3890	144	
11	P22	49 42.0	140 40.0	3880	144	
12	P24	49 50.2	142 40.0	3910	167	
P	P26	50 00.0	145 00.0	4200		Station Papa

Table 3	Abbreviations and units
CTD	conductivity-temperature-depth recorder formerly called salinity-temperature-depth recorder (STD)
S.D.	standard deviation
MAX	maximum
MIN	minimum
N	number of observations
PRESS	pressure, in decibars (db)
TEMPERATURE	in Celcius
SALINITY	in parts per thousand $^{o}/_{oo}$
SIGMA T	specific gravity anomaly = $\sigma_t = (\rho_{T,S,0} - 1)10^3$, where $\rho_{T,S,0}$ = in-situ specific gravity of seawater at pressure = 0 (i.e. at the sea surface)
OXYGEN	oxyty or dissolved oxygen content, in mL L^{-1}
SVA	specific volume anomaly ($10^5\delta$), in 10^5 mL g^{-1}
DEPTH	in metres
THETA	potential temperature, in °Celsius
SVA (THETA)	specific volume anomaly based on potential temperature, in 10^5 mL g^{-1}
DELTA D	dynamic height relative to sea surface, in J kg^{-1} (J = Joules)
DELTA-DH	dynamic height relative to 1000-db surface in J kg^{-1}
POT. ENERGY	potential energy relative to sea surface, in 10^8 ergs cm^{-2}
SOUND	sound speed, in m s^{-1}
ACC. POT.	acceleration potential relative to 1000-db surface, in J kg^{-1}.

Table 4. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN and SOUND at standard pressures, using all data, for Station 1 (P01).

Table 4 : STATION MP01 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.55	1.899	15.60	5.89	210
10	10.00	1.530	14.35	6.63	210
20	9.29	1.124	12.65	6.27	209
30	8.78	.930	11.83	6.72	208
50	8.28	.954	12.38	6.68	206
75	7.86	1.009	12.35	6.36	188
100	7.52	1.023	12.27	6.19	126
125	7.15	.695	9.51	6.13	30
150	6.75	.320	7.26	6.43	6

SALINITY

MEAN	S.D.	MAX	MIN	N
31.594	.6789	32.834	28.830	210
31.760	.6137	33.084	29.046	210
32.034	.5161	33.166	30.392	209
32.307	.4924	33.481	30.572	208
32.751	.4524	33.735	31.663	206
33.192	.4177	33.851	32.040	188
33.479	.3450	33.914	32.416	126
33.707	.2225	33.939	32.880	30
33.891	.0244	33.924	33.862	6

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.212	.5897	25.437	21.898	210
10	24.438	.5139	25.528	22.077	210
20	24.772	.4325	25.763	23.413	209
30	25.065	.4320	26.171	23.824	208
50	25.487	.4493	26.439	24.319	206
75	25.893	.4541	26.622	24.644	188
100	26.167	.4109	26.693	24.671	126
125	26.400	.2696	26.721	25.402	30
150	26.602	.0523	26.651	26.509	6

SVA

MEAN	S.D.	MAX	MIN	N
371.8	56.24	592.8	255.0	210
350.4	49.00	575.9	246.6	210
318.8	41.19	448.3	224.5	209
291.0	41.12	409.2	185.7	208
251.1	42.77	362.5	160.7	206
212.9	43.25	332.2	143.6	188
187.3	39.18	330.1	137.1	126
165.4	25.74	260.8	134.8	30
146.5	5.04	155.5	141.9	6

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.55	1.899	15.60	5.89	210
10	10.00	1.530	14.35	6.63	210
20	9.29	1.125	12.65	6.27	209
30	8.78	.930	11.83	6.72	208
50	8.28	.951	12.37	6.68	206
75	7.86	1.009	12.34	6.35	188
100	7.51	1.023	12.26	6.18	126
125	7.14	.694	9.49	6.12	30
150	6.74	.320	7.25	6.42	6

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
371.8	56.24	592.8	255.0	210
350.2	48.99	575.6	246.4	210
318.4	41.18	447.9	224.1	209
290.5	41.11	408.7	185.3	208
250.3	42.72	361.4	159.9	206
211.7	43.15	330.4	142.5	188
185.6	39.03	327.7	135.6	126
163.4	25.60	258.3	133.0	30
144.2	4.94	153.0	139.6	6

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	210
10	.363	.0522	.590	.250	210
20	.700	.0925	1.100	.500	209
30	1.004	.1242	1.430	.710	208
50	1.546	.1859	2.110	1.090	206
75	2.130	.2659	2.860	1.530	188
100	2.625	.3572	3.460	1.900	126
125	2.995	.4269	4.020	2.310	30
150	3.105	.2440	3.400	2.800	6

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	210
.02	.003	.03	.01	210
.07	.010	.11	.05	209
.15	.018	.20	.10	208
.37	.048	.50	.25	206
.74	.110	1.02	.51	188
1.17	.199	1.70	.83	126
1.63	.276	2.46	1.22	30
2.00	.161	2.23	1.82	6

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.78	.944	8.21	5.49	9
10	6.13	.721	7.38	5.17	9
20	5.41	.835	6.55	4.32	9
30	4.62	1.535	6.49	2.29	8
50	4.17	1.492	6.39	2.59	7
75	2.79	.758	3.95	1.97	6
100	2.56	.738	3.67	1.71	5
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1488	7.0	1505	1469	210
1486	5.7	1502	1473	210
1484	4.3	1497	1472	209
1483	3.5	1494	1474	208
1482	3.3	1496	1475	206
1481	3.4	1497	1474	188
1481	3.5	1497	1476	126
1480	2.4	1488	1476	30
1479	1.3	1481	1478	6

Table 5. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN and SOUND at standard pressures, by month, for Station 1 (P01).

Table 5 : STATION MP01 J A N U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.57	.916	9.96	6.95	13
10	8.68	.915	9.96	6.97	13
20	8.90	.898	10.13	6.92	13
30	9.30	.879	10.56	6.95	13
50	9.30	.994	10.25	6.80	13
75	8.96	.917	9.91	6.46	12
100	8.60	.783	9.87	7.31	7
125	8.36	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.579	.5690	32.530	30.652	13
31.681	.5756	32.530	30.748	13
31.913	.4276	32.530	31.236	13
32.170	.2571	32.530	31.691	13
32.421	.1994	32.716	32.020	13
32.733	.3587	33.288	32.040	12
33.005	.3335	33.418	32.480	7
33.225	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.529	.4016	25.214	23.863	13
10	24.592	.4020	25.214	23.913	13
20	24.740	.3058	25.213	24.237	13
30	24.878	.2094	25.213	24.528	13
50	25.072	.1495	25.284	24.736	13
75	25.369	.2847	25.852	25.045	12
100	25.638	.2727	25.976	25.262	7
125	25.850	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
341.6	38.25	405.0	276.3	13
335.7	38.29	400.3	276.4	13
321.8	29.13	369.7	276.7	13
308.8	19.95	342.1	276.9	13
290.7	14.27	322.8	270.4	13
262.8	27.06	293.7	216.9	12
237.6	25.93	273.6	205.5	7
217.9	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.57	.916	9.96	6.95	13
10	8.68	.915	9.96	6.97	13
20	8.90	.898	10.13	6.92	13
30	9.30	.881	10.56	6.94	13
50	9.29	.993	10.24	6.80	13
75	8.96	.918	9.91	6.45	12
100	8.59	.783	9.86	7.30	7
125	8.35	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
341.6	38.25	405.0	276.3	13
335.5	38.31	400.2	276.3	13
321.4	29.13	369.3	276.3	13
308.2	19.93	341.6	276.4	13
289.7	14.22	321.8	269.6	13
261.4	27.06	292.2	215.5	12
235.8	25.93	271.6	203.7	7
215.6	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	13
10	.341	.0393	.410	.280	13
20	.670	.0726	.790	.550	13
30	.985	.0956	1.150	.830	13
50	1.586	.1216	1.790	1.380	13
75	2.279	.1392	2.540	2.090	12
100	2.873	.1671	3.220	2.690	7
125	3.240	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	13
.02	.004	.02	.01	13
.07	.009	.08	.06	13
.15	.012	.17	.13	13
.39	.026	.44	.35	13
.83	.046	.93	.77	12
1.37	.093	1.52	1.26	7
1.91	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.57	n/a	n/a	n/a	1
10	6.58	n/a	n/a	n/a	1
20	5.98	n/a	n/a	n/a	1
30	6.10	n/a	n/a	n/a	1
50	5.27	n/a	n/a	n/a	1
75	3.95	n/a	n/a	n/a	1
100	3.67	n/a	n/a	n/a	1
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1481	3.8	1487	1475	13
1481	3.9	1487	1475	13
1483	3.8	1488	1475	13
1485	3.5	1490	1475	13
1485	3.9	1489	1475	13
1485	3.7	1488	1474	13
1484	3.0	1489	1479	7
1484	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

STATION MP01 F E B R U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.23	1.145	9.85	5.89	14
10	8.30	1.100	10.07	6.63	14
20	8.26	1.197	10.41	6.27	14
30	8.42	1.067	10.08	6.72	14
50	8.52	.953	10.31	6.91	14
75	8.47	.966	10.32	7.41	13
100	8.38	1.082	10.45	7.17	8
125	7.85	1.181	8.68	7.01	2
150	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.391	1.0657	32.400	28.830	14
31.637	.7579	32.427	29.856	14
31.873	.5215	32.446	30.490	14
32.070	.3688	32.480	31.080	14
32.458	.3053	33.170	31.938	14
32.756	.3195	33.374	32.377	13
32.991	.2881	33.286	32.490	8
33.444	.2362	33.611	33.277	2
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.429	.7953	25.304	22.494	14
10	24.612	.5460	25.312	23.297	14
20	24.801	.3521	25.312	23.832	14
30	24.933	.2608	25.349	24.271	14
50	25.224	.2808	25.887	24.803	14
75	25.463	.3538	26.052	24.877	13
100	25.660	.3790	26.044	24.942	8
125	26.094	.3564	26.346	25.842	2
150	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
351.1	75.88	535.8	267.7	14
333.8	52.04	459.1	267.1	14
315.9	33.52	408.2	267.2	14
303.5	24.82	366.5	263.9	14
276.2	25.73	316.3	213.1	14
253.8	33.75	309.9	197.8	13
235.5	36.22	304.1	198.8	8
194.7	34.15	218.8	170.5	2
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.23	1.145	9.85	5.89	14
10	8.30	1.100	10.07	6.63	14
20	8.26	1.198	10.41	6.27	14
30	8.42	1.066	10.08	6.72	14
50	8.51	.950	10.30	6.91	14
75	8.46	.966	10.31	7.40	13
100	8.37	1.081	10.44	7.16	8
125	7.84	1.181	8.67	7.00	2
150	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
351.1	75.88	535.8	267.7	14
333.7	52.04	459.0	266.9	14
315.6	33.53	407.9	266.9	14
303.0	24.84	366.1	263.4	14
275.3	26.72	315.3	212.2	14
252.5	33.65	308.3	196.5	13
233.8	36.03	302.0	197.2	8
192.4	33.87	216.4	168.5	2
n/a	n/a	n/a	n/a	0

DELTA D .

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	14
10	.346	.0686	.520	.270	14
20	.671	.1050	.910	.530	14
30	.981	.1265	1.220	.800	14
50	1.561	.1461	1.810	1.290	14
75	2.236	.1784	2.560	1.800	13
100	2.934	.1800	3.330	2.750	8
125	3.350	.0424	3.380	3.320	2
150	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	14
.02	.005	.03	.01	14
.07	.009	.08	.05	14
.15	.015	.18	.12	14
.38	.029	.43	.32	14
.81	.071	.92	.64	13
1.38	.125	1.61	1.20	8
1.95	.071	2.00	1.90	2
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1479	5.0	1487	1469	14
1480	4.6	1487	1473	14
1480	4.9	1488	1472	14
1481	4.3	1487	1474	14
1482	3.8	1489	1475	14
1483	3.3	1489	1479	13
1483	3.6	1490	1479	8
1482	4.2	1485	1479	2
n/a	n/a	n/a	n/a	0

STATION MP01 M A R C H 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.39	1.020	11.17	7.25	26
10	8.32	.994	11.17	7.24	26
20	8.28	.969	11.17	7.25	26
30	8.38	.943	11.19	7.26	26
50	8.58	.931	11.23	7.38	26
75	8.48	.785	11.06	7.53	21
100	8.01	1.119	10.96	7.19	10
125	7.31	.197	7.50	7.08	4
150	6.91	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
31.446	.6568	32.290	28.974	26
31.531	.6531	32.360	29.046	26
31.737	.4739	32.691	30.392	26
31.940	.4748	32.750	30.572	26
32.405	.3376	33.049	31.668	26
32.933	.3297	33.415	32.380	21
33.433	.3874	33.843	32.620	10
33.740	.0916	33.861	33.640	4
33.894	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.451	.5081	25.078	22.569	26
10	24.527	.4836	25.101	22.629	26
20	24.694	.3389	25.429	23.709	26
30	24.838	.3559	25.487	23.824	26
50	25.173	.2949	25.707	24.579	26
75	25.601	.3404	26.051	24.832	21
100	26.059	.4690	26.504	24.954	10
125	26.407	.0872	26.534	26.341	4
150	26.583	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
349.0	48.46	528.6	289.3	26
341.8	46.13	523.0	287.2	26
326.1	32.27	419.9	256.1	26
312.5	33.88	409.2	250.9	26
281.0	28.07	337.8	230.3	26
240.7	32.43	314.2	197.9	21
197.6	44.71	303.1	155.3	10
164.9	8.28	171.1	152.8	4
148.5	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.39	1.020	11.17	7.25	26
10	8.32	.994	11.17	7.24	26
20	8.28	.969	11.17	7.25	26
30	8.38	.943	11.19	7.26	26
50	8.57	.929	11.22	7.38	26
75	8.47	.785	11.05	7.52	21
100	8.00	1.119	10.95	7.18	10
125	7.30	.197	7.49	7.07	4
150	6.90	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
349.0	48.46	528.6	289.3	26
341.7	46.14	522.9	287.0	26
325.7	32.28	419.7	255.8	26
312.1	33.89	408.7	250.3	26
280.2	28.05	336.7	229.4	26
239.4	32.37	312.5	196.6	21
195.8	44.54	300.8	153.6	10
162.8	8.24	169.0	150.8	4
146.1	n/a	n/a	n/a	1

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	26
10	.345	.0472	.530	.290	26
20	.680	.0849	1.000	.570	26
30	.998	.1126	1.390	.820	26
50	1.591	.1609	2.060	1.320	26
75	2.251	.2359	2.800	1.910	21
100	2.839	.3586	3.460	2.470	10
125	3.235	.3088	3.690	3.020	4
150	3.400	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	26
.02	.003	.03	.01	26
.07	.008	.10	.06	26
.15	.017	.20	.12	26
.39	.039	.48	.32	26
.81	.084	.96	.67	21
1.30	.172	1.64	1.14	10
1.76	.135	1.95	1.64	4
2.17	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.58	n/a	n/a	n/a	1
10	6.57	n/a	n/a	n/a	1
20	6.55	n/a	n/a	n/a	1
30	6.49	n/a	n/a	n/a	1
50	6.39	n/a	n/a	n/a	1
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1480	4.0	1491	1475	26
1480	4.1	1491	1476	26
1480	4.0	1491	1476	26
1481	3.7	1491	1476	26
1482	3.5	1492	1477	26
1483	3.7	1493	1479	21
1482	3.7	1492	1480	10
1481	.6	1481	1480	4
1480	n/a	n/a	n/a	1

STATION MP01 A P R I L 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.88	.813	10.16	7.89	7
10	8.78	.743	9.91	7.90	7
20	8.64	.672	9.95	7.45	7
30	8.49	.833	9.59	7.38	7
50	8.37	.827	9.58	7.52	7
75	8.12	.663	8.90	7.43	7
100	7.69	.473	8.27	7.19	6
125	7.43	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0

SALINITY

PRESS	MEAN	S.D.	MAX	MIN	N
0	31.197	.4438	32.030	30.600	7
10	31.410	.4907	32.160	30.890	7
20	31.879	.4013	32.360	31.279	7
30	32.202	.3330	32.444	31.573	7
50	32.548	.2579	33.005	32.184	7
75	32.975	.2721	33.365	32.580	7
100	33.359	.1262	33.489	33.182	6
125	33.782	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.187	.4391	24.911	23.523	7
10	24.368	.4662	25.050	23.789	7
20	24.753	.3523	25.195	24.295	7
30	25.028	.2454	25.328	24.564	7
50	25.317	.2168	25.779	25.119	7
75	25.689	.2326	26.066	25.444	7
100	26.052	.1152	26.200	25.910	6
125	26.422	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0

SVA

PRESS	MEAN	S.D.	MAX	MIN	N
0	374.2	41.86	437.5	305.2	7
10	357.0	44.46	412.3	292.0	7
20	320.5	33.55	364.1	278.4	7
30	294.4	23.35	338.6	265.9	7
50	267.3	20.64	286.0	223.3	7
75	232.3	22.14	255.6	196.5	7
100	198.2	10.96	211.6	184.1	6
125	163.4	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.88	.813	10.16	7.89	7
10	8.78	.743	9.91	7.90	7
20	8.64	.872	9.95	7.45	7
30	8.49	.834	9.59	7.38	7
50	8.36	.824	9.57	7.52	7
75	8.11	.663	8.89	7.42	7
100	7.68	.473	8.26	7.18	6
125	7.42	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0

SVA (THETA)

PRESS	MEAN	S.D.	MAX	MIN	N
0	374.2	41.86	437.5	305.2	7
10	356.8	44.42	412.1	291.9	7
20	320.2	33.53	363.8	278.1	7
30	293.9	23.35	338.1	265.4	7
50	266.4	20.61	285.2	222.5	7
75	231.0	22.12	254.4	195.2	7
100	196.5	10.92	209.9	182.5	6
125	161.3	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	7
10	.370	.0400	.430	.310	7
20	.709	.0773	.810	.600	7
30	1.013	.0971	1.120	.870	7
50	1.577	.1334	1.710	1.360	7
75	2.200	.1652	2.350	1.880	7
100	2.722	.1951	2.870	2.360	6
125	3.300	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0

POT. ENERGY

PRESS	MEAN	S.D.	MAX	MIN	N
0	.00	.000	.00	.00	7
10	.02	.000	.02	.02	7
20	.07	.009	.08	.06	7
30	.15	.013	.16	.13	7
50	.38	.028	.41	.33	7
75	.77	.054	.82	.66	7
100	1.25	.085	1.32	1.09	6
125	1.81	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

SOUND

PRESS	MEAN	S.D.	MAX	MIN	N
0	1481	2.9	1485	1477	7
10	1481	2.4	1485	1478	7
20	1482	3.4	1487	1477	7
30	1482	3.4	1486	1477	7
50	1482	3.3	1487	1479	7
75	1482	2.6	1485	1479	7
100	1481	1.9	1484	1479	6
125	1481	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0

STATION MP01 M A Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.66	.841	12.98	9.29	33
10	10.22	.893	12.03	8.71	33
20	9.42	.825	11.00	8.10	33
30	8.71	.648	9.93	7.50	33
50	8.15	.605	9.24	7.18	33
75	7.72	.532	8.71	6.77	32
100	7.37	.481	8.34	6.57	22
125	7.22	.462	7.72	6.81	4
150	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.112	.6289	32.100	29.900	33
31.231	.6065	32.220	30.060	33
31.572	.4725	32.398	30.544	33
31.954	.3898	32.610	31.049	33
32.549	.3469	33.308	31.663	33
33.157	.2653	33.543	32.641	32
33.494	.1559	33.730	33.106	22
33.686	.1142	33.826	33.563	4
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.833	.5275	24.632	22.787	33
10	24.000	.5195	24.945	23.110	33
20	24.394	.4207	25.178	23.413	33
30	24.803	.3493	25.421	23.941	33
50	25.352	.3316	26.084	24.520	33
75	25.889	.2665	26.326	25.341	32
100	26.203	.1798	26.495	25.760	22
125	26.376	.1516	26.543	26.210	4
150	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
407.9	50.33	507.8	331.7	33
392.1	49.53	477.0	302.1	33
354.7	40.10	448.3	280.1	33
315.9	33.26	398.0	257.1	33
263.9	31.56	343.2	194.3	33
213.3	25.37	265.5	171.7	32
183.8	17.14	226.0	155.9	22
167.8	14.48	183.6	151.8	4
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.66	.841	12.98	9.29	33
10	10.21	.893	12.03	8.71	33
20	9.42	.826	11.00	8.10	33
30	8.71	.649	9.93	7.49	33
50	8.14	.601	9.23	7.18	33
75	7.71	.531	8.70	6.76	32
100	7.36	.480	8.33	6.57	22
125	7.21	.458	7.70	6.80	4
150	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
407.9	50.33	507.8	331.7	33
391.9	49.53	476.8	301.9	33
354.4	40.09	447.9	279.7	33
315.4	33.26	397.5	256.6	33
263.1	31.53	342.3	193.5	33
212.0	25.33	264.1	170.6	32
182.1	17.06	224.2	154.4	22
165.8	14.37	181.5	149.9	4
n/a	n/a	n/a	n/a	0

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	33
10	.404	.0484	.490	.320	33
20	.779	.0919	.950	.610	33
30	1.114	.1235	1.370	.880	33
50	1.692	.1805	2.110	1.350	33
75	2.278	.2371	2.860	1.860	32
100	2.790	.2877	3.420	2.290	22
125	3.413	.2181	3.700	3.170	4
150	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	33
.02	.000	.02	.02	33
.08	.009	.09	.06	33
.16	.018	.20	.13	33
.40	.042	.50	.32	33
.77	.080	.97	.62	32
1.22	.127	1.47	.99	22
1.84	.131	2.03	1.75	4
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.28	.643	7.74	6.83	2
10	7.03	.495	7.38	6.68	2
20	6.19	.050	6.23	6.16	2
30	5.64	.325	5.87	5.41	2
50	4.70	.530	5.07	4.32	2
75	3.10	.431	3.40	2.79	2
100	2.64	.141	2.74	2.54	2
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1488	3.0	1496	1483	33
1487	3.1	1493	1480	33
1484	2.9	1490	1478	33
1482	2.4	1487	1478	33
1481	2.1	1485	1478	33
1481	1.9	1484	1477	32
1480	1.8	1483	1477	22
1480	1.5	1482	1479	4
n/a	n/a	n/a	n/a	0

STATION MP01 J U N E 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.55	1.257	14.51	9.74	35
10	10.74	1.158	13.39	8.69	35
20	9.57	.867	11.05	7.75	35
30	8.73	.617	10.52	7.61	35
50	8.00	.364	8.92	7.07	34
75	7.44	.367	8.05	6.48	31
100	7.02	.268	7.43	6.44	20
125	6.75	.258	7.22	6.52	6
150	6.49	.060	6.55	6.43	3

SALINITY

MEAN	S.D.	MAX	MIN	N
31.719	.4788	32.360	30.394	35
31.869	.3827	32.470	30.642	35
32.086	.3732	32.980	31.337	35
32.334	.3172	33.120	31.811	35
32.791	.2811	33.490	32.431	34
33.289	.2863	33.810	32.697	31
33.619	.1214	33.811	33.431	20
33.790	.0695	33.868	33.698	6
33.889	.0221	33.904	33.865	3

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.145	.5174	24.875	22.557	35
10	24.404	.4546	25.203	23.086	35
20	24.770	.4089	25.748	24.032	35
30	25.098	.3286	25.878	24.403	35
50	25.563	.2648	26.243	25.235	34
75	26.034	.2723	26.574	25.483	31
100	26.352	.1278	26.564	26.160	20
125	26.522	.0877	26.614	26.386	6
150	26.636	.0244	26.651	26.608	3

SVA

MEAN	S.D.	MAX	MIN	N
378.2	49.35	529.7	308.6	35
353.6	43.36	479.4	277.5	35
318.9	38.95	389.3	225.8	35
287.9	31.29	354.1	213.6	35
243.9	25.19	275.1	179.2	34
199.5	25.89	251.8	148.1	31
169.6	12.15	187.9	149.4	20
153.8	8.38	166.8	145.0	6
143.3	2.25	145.9	141.9	3

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.55	1.257	14.51	9.74	35
10	10.74	1.158	13.39	8.69	35
20	9.57	.867	11.05	7.75	35
30	8.73	.616	10.52	7.61	35
50	8.00	.360	8.91	7.07	34
75	7.43	.367	8.04	6.47	31
100	7.01	.268	7.42	6.43	20
125	6.74	.258	7.21	6.51	6
150	6.48	.060	6.54	6.42	3

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
378.2	49.35	529.7	308.6	35
353.4	43.34	479.2	277.4	35
318.5	38.93	388.9	225.5	35
287.4	31.27	353.5	213.1	35
243.0	25.17	274.2	178.4	34
198.3	25.86	250.6	147.0	31
168.0	12.12	186.3	148.0	20
151.9	8.32	164.8	143.2	6
141.1	2.29	143.7	139.6	3

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	35
10	.368	.0472	.520	.290	35
20	.707	.0812	.950	.550	35
30	1.009	.1116	1.310	.770	35
50	1.535	.1531	1.900	1.180	34
75	2.081	.1989	2.550	1.610	31
100	2.509	.1987	2.820	2.000	20
125	2.850	.2687	3.250	2.580	6
150	3.013	.0751	3.090	2.940	3

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	35
.02	.002	.03	.01	35
.07	.008	.09	.05	35
.15	.015	.18	.11	35
.36	.035	.43	.28	34
.71	.071	.84	.54	31
1.11	.096	1.27	.90	20
1.51	.111	1.68	1.40	6
1.93	.035	1.97	1.90	3

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1492	4.2	1500	1484	35
1489	3.9	1498	1482	35
1485	2.9	1490	1480	35
1483	2.1	1489	1479	35
1481	1.1	1484	1478	34
1480	1.1	1481	1477	31
1479	1.1	1481	1477	20
1479	.8	1480	1478	6
1478	.0	1478	1478	3

STATION MP01 J U L Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.18	1.029	14.00	10.23	14
10	10.56	1.106	13.05	9.16	14
20	9.58	.779	11.01	8.72	14
30	8.91	.642	10.41	8.15	14
50	7.89	.544	8.83	7.03	14
75	6.99	.409	7.70	6.36	13
100	6.75	.387	7.38	6.19	10
125	6.56	.382	6.86	6.13	3
150	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.400	.9774	32.480	29.290	14
31.777	.8032	32.500	29.392	14
32.162	.4878	32.699	31.141	14
32.480	.3862	32.991	31.820	14
33.089	.2935	33.575	32.510	14
33.607	.1476	33.851	33.380	13
33.739	.1080	33.914	33.555	10
33.849	.0950	33.939	33.750	3
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.784	.8441	24.684	21.898	14
10	24.366	.7697	25.106	22.077	14
20	24.828	.4826	25.357	23.811	14
30	25.184	.3773	25.699	24.452	14
50	25.813	.3049	26.316	25.220	14
75	26.346	.1658	26.622	26.069	13
100	26.482	.1292	26.693	26.252	10
125	26.593	.1234	26.721	26.475	3
150	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
412.6	80.59	592.8	326.8	14
357.3	73.46	575.9	286.8	14
313.4	45.97	410.3	263.0	14
279.7	35.90	349.4	230.7	14
220.1	28.99	276.5	172.3	14
169.8	15.79	196.2	143.6	13
157.3	12.32	179.2	137.1	10
147.0	11.78	158.3	134.8	3
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.18	1.029	14.00	10.23	14
10	10.56	1.106	13.05	9.16	14
20	9.58	.780	11.01	8.71	14
30	8.90	.643	10.41	8.15	14
50	7.88	.542	8.82	7.03	14
75	6.98	.408	7.69	6.35	13
100	6.74	.389	7.37	6.18	10
125	6.55	.382	6.85	6.12	3
150	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
412.6	80.59	592.8	326.8	14
357.1	73.44	575.6	286.6	14
313.0	45.96	409.9	262.7	14
279.1	35.89	348.8	230.2	14
219.3	28.96	275.6	171.5	14
168.7	15.73	194.9	142.5	13
155.7	12.27	177.5	135.6	10
145.1	11.68	156.3	133.0	3
n/a	n/a	n/a	n/a	0

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	14
10	.385	.0725	.590	.310	14
20	.721	.1302	1.100	.590	14
30	1.016	.1571	1.430	.850	14
50	1.515	.1941	1.900	1.250	14
75	1.994	.2432	2.350	1.630	13
100	2.378	.2769	2.740	1.980	10
125	2.527	.2401	2.790	2.320	3
150	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	14
.02	.003	.03	.02	14
.07	.014	.11	.06	14
.15	.020	.19	.12	14
.35	.041	.42	.28	14
.65	.078	.80	.52	13
1.00	.101	1.15	.83	10
1.34	.126	1.47	1.22	3
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1494	3.3	1501	1488	14
1488	3.3	1494	1483	14
1486	2.3	1490	1483	14
1484	2.1	1488	1481	14
1481	1.8	1484	1478	14
1478	1.6	1481	1476	13
1478	1.4	1480	1476	10
1478	1.5	1479	1476	3
n/a	n/a	n/a	n/a	0

STATION MP01 A U G U S T 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.75	1.401	15.60	10.09	20
10	11.12	1.305	14.35	8.94	20
20	9.72	.974	12.11	8.10	19
30	8.70	.667	10.00	7.57	19
50	7.71	.512	9.06	6.95	18
75	7.11	.483	8.35	6.54	18
100	6.87	.499	7.84	6.40	13
125	6.74	.229	7.02	6.50	4
150	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.846	.4048	32.460	31.150	20
32.090	.3138	32.697	31.557	20
32.398	.2936	32.860	31.827	19
32.739	.3369	33.290	31.945	19
33.223	.2616	33.610	32.657	18
33.571	.2309	33.812	33.963	18
33.724	.1542	33.866	33.353	13
33.791	.0589	33.857	33.715	4
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.016	.4691	24.979	23.443	20
10	24.508	.4012	25.229	23.676	20
20	24.988	.3325	25.604	24.436	19
30	25.417	.3468	26.017	24.594	19
50	25.943	.2691	26.354	25.299	18
75	26.301	.2379	26.568	25.740	18
100	26.454	.1770	26.628	26.063	13
125	26.525	.0469	26.555	26.455	4
150	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
390.4	44.72	445.1	298.6	20
343.8	38.25	423.1	275.0	20
298.2	31.66	350.7	239.6	19
257.5	33.02	335.9	200.4	19
207.8	25.60	269.0	168.7	18
174.1	22.64	227.4	148.7	18
159.9	16.87	197.1	143.3	13
153.5	4.46	160.1	150.6	4
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.75	1.401	15.60	10.09	20
10	11.12	1.305	14.35	8.94	20
20	9.72	.975	12.11	8.10	19
30	8.70	.667	10.00	7.57	19
50	7.71	.509	9.05	6.95	18
75	7.10	.483	8.34	6.53	18
100	6.86	.498	7.83	6.39	13
125	6.73	.229	7.01	6.49	4
150	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
390.4	44.72	445.1	298.6	20
343.6	38.22	422.8	274.9	20
297.8	31.64	350.3	239.2	19
257.0	33.00	335.3	199.9	19
206.9	25.56	268.1	167.9	18
172.9	22.59	226.2	147.6	18
158.3	16.79	195.4	141.8	13
151.6	4.47	158.2	148.7	4
n/a	n/a	n/a	n/a	0

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	20
10	.370	.0413	.430	.300	20
20	.693	.0733	.810	.560	19
30	.973	.1004	1.130	.780	19
50	1.439	.1520	1.740	1.150	18
75	1.912	.1945	2.350	1.530	18
100	2.368	.2366	2.860	1.900	13
125	2.722	.1034	2.850	2.620	4
150	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	20
.02	.000	.02	.02	20
.07	.009	.08	.05	19
.14	.015	.16	.11	19
.33	.036	.41	.26	18
.63	.069	.80	.51	18
1.01	.117	1.25	.83	13
1.42	.053	1.47	1.37	4
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.39	.997	8.21	6.28	3
10	5.66	.456	6.07	5.17	3
20	4.64	.287	4.88	4.32	3
30	3.60	.195	3.75	3.38	3
50	2.71	.116	2.82	2.59	3
75	2.19	.193	2.33	1.97	3
100	1.91	.290	2.12	1.71	2
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1496	4.5	1505	1487	20
1491	4.6	1502	1483	20
1486	3.4	1495	1481	19
1483	2.2	1487	1480	19
1480	1.8	1485	1478	18
1479	1.7	1483	1477	18
1478	1.8	1482	1477	13
1479	1.0	1480	1478	4
n/a	n/a	n/a	n/a	0

STATION MP01 S E P T E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.21	1.336	14.73	10.10	20
10	11.48	1.400	14.06	9.18	20
20	9.70	1.274	12.65	8.25	20
30	8.62	1.067	11.83	7.08	20
50	7.62	.474	8.56	6.68	20
75	7.12	.311	7.53	6.41	15
100	6.96	.220	7.24	6.57	10
125	7.07	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.020	.4282	32.779	30.900	20
32.238	.3686	32.716	31.027	20
32.634	.3623	33.112	31.550	20
32.958	.3955	33.481	31.750	20
33.366	.2707	33.735	32.630	20
33.663	.1297	33.787	33.300	15
33.781	.0356	33.825	33.724	10
33.741	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.254	.3977	25.226	23.588	20
10	24.557	.3916	25.203	23.858	20
20	25.172	.4318	25.763	24.364	20
30	25.597	.4379	26.171	24.591	20
50	26.068	.2688	26.439	25.431	20
75	26.372	.1312	26.566	26.050	15
100	26.487	.0462	26.555	26.422	10
125	26.441	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
367.8	37.90	431.2	275.2	20
339.0	37.32	405.6	277.5	20
280.7	41.12	357.7	224.5	20
240.4	41.70	336.1	185.7	20
195.9	25.53	256.4	160.7	20
167.3	12.47	197.9	148.9	15
156.8	4.41	163.0	150.3	10
161.5	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.21	1.336	14.73	10.10	20
10	11.47	1.401	14.06	9.18	20
20	9.70	1.275	12.65	8.24	20
30	8.62	1.067	11.83	7.08	20
50	7.62	.471	8.55	6.68	20
75	7.11	.311	7.52	6.40	15
100	6.94	.220	7.23	6.56	10
125	7.05	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
367.8	37.90	431.2	275.2	20
338.8	37.30	405.4	277.3	20
280.2	41.10	357.2	224.1	20
239.9	41.66	335.6	185.3	20
195.1	25.52	255.6	159.9	20
166.1	12.44	196.7	147.8	15
155.2	4.39	161.4	148.7	10
159.5	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	20
10	.357	.0374	.420	.280	20
20	.671	.0706	.810	.560	20
30	.930	.1070	1.150	.780	20
50	1.364	.1645	1.730	1.120	20
75	1.842	.2000	2.320	1.590	15
100	2.227	.1615	2.610	2.020	10
125	2.690	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	20
.02	.002	.02	.01	20
.07	.009	.08	.05	20
.13	.018	.17	.11	20
.31	.041	.40	.25	20
.60	.070	.78	.51	15
.95	.058	1.07	.88	10
1.44	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	5.62	n/a	n/a	n/a	1
10	5.59	n/a	n/a	n/a	1
20	4.54	n/a	n/a	n/a	1
30	2.29	n/a	n/a	n/a	1
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1494	4.7	1503	1488	20
1492	5.0	1501	1484	20
1487	4.5	1497	1482	20
1483	3.6	1494	1478	20
1480	1.6	1483	1477	20
1479	1.2	1480	1476	15
1479	.9	1480	1477	10
1480	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

STATION MP01 O C T O B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.29	.972	12.09	9.06	11
10	10.12	.975	12.03	8.72	11
20	9.55	.846	10.83	8.59	11
30	8.77	.867	10.76	8.00	11
50	7.96	.576	9.20	7.44	11
75	7.39	.296	7.93	6.99	11
100	7.20	.314	7.79	6.78	9
125	6.90	.071	6.95	6.85	2
150	6.85	n/a	n/a	n/a	1

SALINITY

PRESS	MEAN	S.D.	MAX	MIN	N
0	32.171	.4663	32.834	31.253	11
10	32.234	.4650	33.084	31.421	11
20	32.400	.4281	33.166	31.637	11
30	32.686	.4732	33.412	31.705	11
50	33.122	.3021	33.594	32.569	11
75	33.504	.1866	33.787	33.184	11
100	33.657	.1703	33.888	33.340	9
125	33.872	.0596	33.914	33.830	2
150	33.924	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.717	.4428	25.437	23.819	11
10	24.795	.4428	25.528	24.014	11
20	25.018	.4338	25.762	24.310	11
30	25.364	.4800	26.050	24.411	11
50	25.828	.3042	26.266	25.268	11
75	26.209	.1755	26.462	25.888	11
100	26.357	.1649	26.576	26.104	9
125	26.567	.0559	26.606	26.527	2
150	26.614	n/a	n/a	n/a	1

SVA

PRESS	MEAN	S.D.	MAX	MIN	N
0	323.6	42.18	409.2	255.0	11
10	316.4	42.16	390.8	246.6	11
20	295.3	41.31	362.8	224.6	11
30	262.5	45.68	353.3	197.3	11
50	218.7	28.94	272.0	177.0	11
75	182.8	16.67	213.4	158.9	11
100	169.2	15.70	193.2	148.3	9
125	149.6	5.30	153.4	145.9	2
150	145.4	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.29	.972	12.09	9.06	11
10	10.12	.975	12.03	8.72	11
20	9.55	.846	10.83	8.59	11
30	8.77	.867	10.76	8.00	11
50	7.95	.574	9.19	7.43	11
75	7.38	.295	7.92	6.98	11
100	7.19	.314	7.78	6.77	9
125	6.89	.071	6.94	6.84	2
150	6.84	n/a	n/a	n/a	1

SVA (THETA)

PRESS	MEAN	S.D.	MAX	MIN	N
0	323.6	42.18	409.2	255.0	11
10	316.2	42.16	390.6	246.4	11
20	294.9	41.29	362.4	224.2	11
30	262.0	45.66	352.7	196.8	11
50	217.9	28.92	271.1	176.2	11
75	181.6	16.65	212.1	157.6	11
100	167.6	15.66	191.6	146.7	9
125	147.6	5.30	151.4	143.9	2
150	143.1	n/a	n/a	n/a	1

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	11
10	.320	.0417	.400	.250	11
20	.629	.0832	.780	.500	11
30	.907	.1223	1.140	.710	11
50	1.385	.1873	1.770	1.090	11
75	1.886	.2388	2.390	1.530	11
100	2.318	.3067	2.900	1.930	9
125	2.370	.0849	2.430	2.310	2
150	2.800	n/a	n/a	n/a	1

POT. ENERGY

PRESS	MEAN	S.D.	MAX	MIN	N
0	.00	.000	.00	.00	11
10	.02	.004	.02	.01	11
20	.06	.009	.08	.05	11
30	.13	.020	.17	.10	11
50	.33	.048	.43	.26	11
75	.65	.082	.82	.54	11
100	1.03	.129	1.27	.89	9
125	1.32	.014	1.33	1.31	2
150	1.82	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

SOUND

PRESS	MEAN	S.D.	MAX	MIN	N
0	1488	3.6	1495	1484	11
10	1488	3.4	1495	1483	11
20	1486	2.8	1490	1482	11
30	1483	2.8	1490	1481	11
50	1481	1.9	1485	1479	11
75	1480	1.1	1482	1478	11
100	1480	1.2	1482	1478	9
125	1479	.0	1479	1479	2
150	1479	n/a	n/a	n/a	1

STATION MP01 N O V E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.13	1.426	11.58	7.61	9
10	10.11	1.492	11.58	7.62	9
20	10.10	1.503	11.58	7.63	9
30	10.12	1.535	11.67	7.63	8
50	9.87	1.864	12.38	7.29	8
75	9.96	1.617	12.35	8.03	7
100	9.32	1.655	12.27	7.76	7
125	8.45	1.499	9.51	7.39	2
150	7.26	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
31.958	.4217	32.312	30.975	9
32.037	.2466	32.311	31.624	9
32.110	.2063	32.360	31.667	9
32.177	.3076	32.850	31.811	8
32.447	.4859	33.480	31.904	8
32.712	.3932	33.279	32.247	7
32.976	.4316	33.567	32.518	7
33.338	.6477	33.796	32.880	2
33.862	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.574	.4280	25.037	23.746	9
10	24.637	.3378	25.094	24.072	9
20	24.695	.3062	25.101	24.105	9
30	24.744	.3876	25.495	24.235	8
50	24.990	.6106	26.205	24.319	8
75	25.185	.5483	25.942	24.654	7
100	25.497	.5792	26.207	24.723	7
125	25.920	.7325	26.438	25.402	2
150	26.509	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
337.2	40.80	416.2	293.2	9
331.4	32.19	385.3	287.9	9
326.1	29.18	382.3	287.4	9
321.6	36.96	370.2	250.1	8
298.5	58.23	362.5	182.8	8
280.5	52.33	331.3	208.3	7
251.3	55.28	325.3	183.6	7
211.3	69.93	260.8	161.9	2
155.5	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.13	1.426	11.58	7.61	9
10	10.11	1.492	11.58	7.62	9
20	10.10	1.503	11.58	7.63	9
30	10.12	1.535	11.67	7.63	8
50	9.87	1.860	12.37	7.29	8
75	9.95	1.617	12.34	8.02	7
100	9.31	1.655	12.26	7.75	7
125	8.43	1.492	9.49	7.38	2
150	7.25	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
337.2	40.80	416.2	293.2	9
331.2	32.17	385.0	287.7	9
325.7	29.14	381.8	287.0	9
321.0	36.91	369.5	249.5	8
297.5	58.08	361.4	182.0	8
278.9	52.14	329.4	207.0	7
249.3	55.04	322.8	181.8	7
209.0	69.65	258.3	159.8	2
153.0	n/a	n/a	n/a	1

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	9
10	.338	.0402	.410	.290	9
20	.666	.0669	.770	.580	9
30	1.005	.0888	1.150	.900	8
50	1.626	.1705	1.880	1.370	8
75	2.413	.2538	2.740	2.080	7
100	3.081	.3780	3.440	2.570	7
125	3.510	.7212	4.020	3.000	2
150	3.390	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	9
.02	.003	.02	.01	9
.07	.007	.08	.06	9
.15	.012	.17	.14	8
.40	.051	.47	.31	8
.89	.110	1.02	.75	7
1.49	.224	1.70	1.18	7
2.07	.552	2.46	1.68	2
2.23	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	5.49	n/a	n/a	n/a	1
10	5.40	n/a	n/a	n/a	1
20	5.35	n/a	n/a	n/a	1
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1487	5.4	1492	1477	9
1487	5.3	1492	1478	9
1487	5.3	1492	1478	9
1488	5.5	1493	1478	8
1487	6.4	1496	1479	8
1488	5.6	1497	1482	7
1487	5.6	1497	1482	7
1485	4.9	1488	1481	2
1481	n/a	n/a	n/a	1

STATION MP01 D E C E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.73	1.180	11.40	8.19	8
10	9.75	1.183	11.49	8.18	8
20	9.90	1.233	11.61	8.00	8
30	9.74	1.227	11.79	7.73	8
50	9.43	1.313	11.83	7.75	8
75	8.94	1.368	11.74	7.64	8
100	8.85	1.896	11.66	7.64	4
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

SALINITY

PRESS	MEAN	S.D.	MAX	MIN	N
0	31.699	.5069	32.253	30.860	8
10	31.839	.3393	32.251	31.280	8
20	32.120	.1684	32.299	31.840	8
30	32.206	.1666	32.441	31.988	8
50	32.370	.2152	32.670	32.048	8
75	32.796	.3575	33.175	32.160	8
100	33.081	.4538	33.390	32.416	4
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.441	.3605	24.890	23.751	8
10	24.546	.2344	24.892	24.161	8
20	24.739	.1889	24.946	24.469	8
30	24.833	.2082	25.140	24.594	8
50	25.009	.3003	25.449	24.620	8
75	25.419	.4727	25.873	24.644	8
100	25.650	.6577	26.085	24.671	4
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

SVA

PRESS	MEAN	S.D.	MAX	MIN	N
0	350.0	34.36	415.7	307.1	8
10	340.1	22.33	376.8	307.2	8
20	321.8	18.01	347.6	302.1	8
30	313.1	19.89	335.9	283.8	8
50	296.7	28.66	333.9	254.7	8
75	258.1	45.08	332.2	214.9	8
100	236.6	62.84	330.1	195.0	4
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.73	1.180	11.40	8.19	8
10	9.75	1.183	11.49	8.18	8
20	9.90	1.233	11.61	8.00	8
30	9.74	1.227	11.79	7.73	8
50	9.42	1.312	11.82	7.75	8
75	8.93	1.368	11.73	7.63	8
100	8.84	1.891	11.64	7.63	4
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

SVA (THETA)

PRESS	MEAN	S.D.	MAX	MIN	N
0	350.0	34.36	415.7	307.1	8
10	339.9	22.31	376.6	307.0	8
20	321.4	17.98	347.2	301.8	8
30	312.5	19.81	335.3	283.3	8
50	295.8	28.54	332.7	253.9	8
75	256.7	44.91	330.4	213.6	8
100	234.7	62.49	327.7	193.4	4
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	8
10	.348	.0292	.400	.310	8
20	.679	.0442	.760	.620	8
30	.993	.0580	1.090	.920	8
50	1.609	.0972	1.760	1.500	8
75	2.296	.1840	2.580	2.090	8
100	2.907	.2925	3.340	2.700	4
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

POT. ENERGY

PRESS	MEAN	S.D.	MAX	MIN	N
0	.00	.000	.00	.00	8
10	.02	.000	.02	.02	8
20	.07	.005	.07	.06	8
30	.15	.008	.16	.14	8
50	.40	.029	.43	.35	8
75	.84	.088	.96	.73	8
100	1.40	.202	1.70	1.26	4
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

SOUND

PRESS	MEAN	S.D.	MAX	MIN	N
0	1485	4.9	1492	1479	8
10	1486	4.4	1492	1480	8
20	1487	4.7	1493	1479	8
30	1486	4.6	1494	1479	8
50	1486	4.8	1494	1479	8
75	1485	4.8	1495	1480	8
100	1485	6.7	1495	1481	4
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0

Table 6. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN and SOUND on σ_t-surfaces, using all data, for Station 1 (P01).

Table 6 : STATION MP01 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

SIGMA -T.	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
22.60	10.71	3.294	14.31	7.76	4	29.595	.7133	30.397	28.975	4
22.80	10.99	2.475	13.58	7.78	6	29.959	.5546	30.517	29.270	6
23.00	10.77	2.054	13.02	7.79	7	30.175	.4652	30.639	29.527	7
23.20	10.63	1.601	12.82	7.80	13	30.390	.3845	30.848	29.755	13
23.40	10.60	1.526	13.49	7.81	17	30.626	.3616	31.304	29.991	17
23.60	11.08	1.744	14.74	7.68	35	30.973	.4080	31.947	30.248	35
23.80	10.87	1.433	13.80	7.52	51	31.187	.3501	32.009	30.485	51
24.00	10.51	1.411	13.90	7.37	66	31.360	.3315	32.116	30.702	66
24.20	10.32	1.484	13.62	6.11	86	31.556	.3308	32.299	30.758	86
24.40	10.10	1.271	12.72	6.53	116	31.751	.2779	32.441	31.070	116
24.60	9.75	1.186	12.38	6.23	153	31.930	.2548	32.580	31.262	153
24.80	9.43	1.048	12.00	6.52	187	32.112	.2195	32.671	31.569	187
25.00	9.09	.840	11.35	6.78	196	32.294	.1731	32.769	31.858	196
25.20	8.78	.681	10.73	6.75	195	32.484	.1377	32.896	32.107	195
25.40	8.49	.553	10.14	7.11	190	32.682	.1100	33.020	32.424	190
25.60	8.23	.422	9.34	7.24	179	32.888	.0815	33.111	32.707	179
25.80	7.96	.331	8.86	7.19	166	33.092	.0628	33.259	32.946	166
26.00	7.65	.256	8.34	7.11	146	33.288	.0470	33.413	33.196	146
26.20	7.35	.235	7.91	6.89	117	33.487	.0415	33.590	33.409	117
26.40	6.99	.211	7.50	6.60	68	33.677	.0365	33.766	33.610	68
26.60	6.57	.166	6.86	6.33	12	33.859	.0278	33.907	33.819	12

SIGMA -T.	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
22.60	9	4.0	14	5	4	525.7	.14	525.9	525.6	4
22.80	7	6.2	16	0	6	506.4	.14	506.6	506.2	6
23.00	9	4.8	16	2	7	487.3	.22	487.5	486.9	7
23.20	8	5.5	17	1	13	468.5	.25	468.5	467.7	13
23.40	9	5.7	19	2	17	449.2	.22	449.5	448.7	17
23.60	8	5.6	23	0	35	430.1	.16	430.4	429.6	35
23.80	10	6.2	27	0	51	411.1	.19	411.4	410.5	51
24.00	12	7.3	34	2	66	392.0	.20	392.4	391.3	66
24.20	14	7.8	39	1	86	373.0	.18	373.4	372.3	86
24.40	16	10.2	63	0	116	354.0	.20	355.1	353.4	116
24.60	20	12.5	67	0	153	335.1	.25	336.1	334.7	153
24.80	25	15.7	102	0	187	316.1	.31	318.0	315.6	187
25.00	32	17.0	109	4	196	297.2	.32	299.0	296.7	196
25.20	39	19.3	113	1	195	278.2	.35	279.9	277.6	195
25.40	47	20.2	124	8	190	259.3	.36	260.9	258.6	190
25.60	53	19.5	103	12	179	240.4	.33	241.3	239.8	179
25.80	60	20.1	118	21	166	221.5	.34	222.6	220.7	166
26.00	66	19.1	115	26	146	202.6	.31	203.4	201.8	146
26.20	74	19.1	124	31	117	183.7	.31	184.6	183.0	117
26.40	82	20.3	138	40	68	164.8	.32	165.7	164.2	68
26.60	111	27.4	153	69	12	146.2	.41	146.9	145.6	12

SIGMA -T.	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
22.60	10.71	3.294	14.31	7.76	4	525.0	.63	525.6	524.3	4
22.80	10.99	2.474	13.58	7.78	6	501.0	5.96	504.3	488.9	6
23.00	10.77	2.053	13.01	7.79	7	480.7	7.94	485.5	463.4	7
23.20	10.63	1.602	12.82	7.80	13	461.8	7.99	467.9	445.9	13
23.40	10.60	1.526	13.49	7.81	17	443.8	7.48	449.0	425.5	17
23.60	11.07	1.743	14.74	7.68	35	426.2	6.48	430.0	400.8	35
23.80	10.87	1.434	13.80	7.52	51	406.5	7.01	410.9	373.6	51
24.00	10.51	1.412	13.90	7.37	66	387.9	6.29	391.8	356.8	66
24.20	10.32	1.484	13.61	6.11	86	370.4	4.41	372.8	344.8	86
24.40	10.10	1.271	12.71	6.53	116	352.1	2.96	353.8	335.5	116
24.60	9.75	1.187	12.37	6.23	153	333.3	2.29	334.7	320.3	153
24.80	9.43	1.048	11.99	6.52	187	314.7	1.60	315.7	299.5	187
25.00	9.08	.840	11.33	6.78	196	295.8	1.16	296.6	288.5	196
25.20	8.77	.681	10.72	6.74	195	277.0	.87	277.6	272.7	195
25.40	8.48	.554	10.13	7.11	190	258.1	.84	258.6	253.4	190
25.60	8.22	.422	9.33	7.24	179	239.0	.99	239.5	234.6	179
25.80	7.95	.335	8.85	7.18	166	220.0	.95	220.5	215.8	166
26.00	7.64	.256	8.33	7.11	146	201.1	.74	201.5	197.6	146
26.20	7.34	.235	7.90	6.89	117	182.3	.41	182.5	180.4	117
26.40	6.98	.211	7.49	6.59	68	163.4	.30	163.5	162.1	68
26.60	6.56	.162	6.85	6.33	12	144.5	.04	144.5	144.4	12

STATION MP01 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	.485	.2568	.840	.260	4	.02	.024	.06	.01	4
22.80	.385	.3386	.890	.000	6	.02	.028	.07	.00	6
23.00	.469	.3833	.940	.080	7	.03	.028	.08	.00	7
23.20	.392	.3070	.980	.030	13	.02	.025	.08	.00	13
23.40	.454	.3013	1.020	.070	17	.03	.031	.09	.00	17
23.60	.381	.2856	1.110	.000	35	.02	.031	.13	.00	35
23.80	.438	.2962	1.270	.000	51	.03	.034	.17	.00	51
24.00	.527	.3265	1.450	.070	66	.04	.049	.24	.00	66
24.20	.597	.3402	1.720	.020	86	.06	.060	.32	.00	86
24.40	.655	.4163	2.350	.000	116	.07	.096	.74	.00	116
24.60	.756	.4840	2.510	.000	153	.10	.128	.85	.00	153
24.80	.908	.5710	3.460	.000	187	.16	.228	1.79	.00	187
25.00	1.100	.5985	3.670	.110	196	.22	.269	2.02	.00	196
25.20	1.299	.6543	3.800	.030	195	.31	.324	2.16	.00	195
25.40	1.505	.6597	4.020	.210	190	.40	.358	2.45	.01	190
25.60	1.646	.6308	3.530	.320	179	.47	.322	1.73	.02	179
25.80	1.800	.6171	3.240	.530	166	.56	.349	1.84	.05	166
26.00	1.915	.5951	3.510	.670	146	.63	.350	1.79	.09	146
26.20	2.030	.5841	3.690	.810	117	.73	.374	2.02	.12	117
26.40	2.062	.5666	3.630	.960	68	.79	.423	2.12	.18	68
26.60	2.418	.6999	3.690	1.550	12	1.22	.616	2.27	.46	12

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	1486	13.0	1500	1474	4
22.80	n/a	n/a	n/a	n/a	0	1488	9.6	1497	1475	6
23.00	n/a	n/a	n/a	n/a	0	1487	8.2	1496	1475	7
23.20	n/a	n/a	n/a	n/a	0	1487	6.4	1495	1475	13
23.40	n/a	n/a	n/a	n/a	0	1487	6.0	1498	1476	17
23.60	7.38	.290	7.58	7.17	2	1489	6.7	1503	1476	35
23.80	6.82	.491	7.51	6.27	5	1489	5.6	1500	1475	51
24.00	6.42	.315	6.76	6.06	5	1488	5.5	1500	1475	66
24.20	6.21	.283	6.49	5.73	6	1487	5.8	1500	1470	86
24.40	5.89	.304	6.25	5.48	6	1487	4.9	1497	1472	116
24.60	5.68	.359	6.05	5.20	6	1486	4.7	1496	1471	153
24.80	5.38	.455	6.10	4.90	6	1485	4.2	1496	1473	187
25.00	5.21	.687	6.42	4.45	7	1484	3.3	1494	1475	196
25.20	4.61	.447	5.31	4.06	6	1483	2.7	1492	1476	195
25.40	4.26	.372	4.83	3.71	7	1483	2.2	1490	1477	190
25.60	3.84	.308	4.39	3.41	7	1482	1.8	1486	1478	179
25.80	3.44	.312	4.01	3.15	7	1481	1.4	1486	1478	166
26.00	2.95	.198	3.21	2.71	6	1480	1.2	1484	1478	146
26.20	2.56	.219	2.76	2.23	6	1480	1.2	1482	1478	117
26.40	2.11	.206	2.30	1.89	4	1479	1.0	1481	1477	68
26.60	n/a	n/a	n/a	n/a	0	1478	1.2	1480	1476	12

Table 7. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN and, SOUND on σ_t-surfaces, by month, for Station 1 (P01).

Table 7: STATION MP01 J A N U A R Y 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	8.51	n/a	n/a	n/a	1
24.20	8.29	.589	8.86	7.76	4
24.40	8.58	.649	9.28	8.03	4
24.60	8.89	.534	9.76	8.11	7
24.80	9.50	.578	10.32	8.37	10
25.00	9.50	.646	10.24	8.18	11
25.20	9.03	.994	9.90	6.75	10
25.40	8.81	.768	9.59	7.31	8
25.60	8.92	.313	9.22	8.51	5
25.80	8.61	.233	8.84	8.34	5
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
30.914	n/a	n/a	n/a	1
31.113	.1067	31.216	31.019	4
31.412	.1244	31.547	31.308	4
31.751	.0921	31.904	31.650	7
32.117	.1148	32.285	31.909	10
32.370	.1319	32.521	32.104	11
32.534	.1906	32.706	32.107	10
32.749	.1517	32.900	32.457	8
33.025	.0658	33.083	32.945	5
33.213	.0471	33.257	33.157	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	13	n/a	n/a	n/a	1
24.20	14	3.4	19	12	4
24.40	21	3.2	26	19	4
24.60	31	13.3	41	5	7
24.80	28	14.8	56	4	10
25.00	45	14.6	68	20	11
25.20	63	16.2	88	40	10
25.40	73	17.4	99	57	8
25.60	74	10.2	90	65	5
25.80	90	15.7	104	73	5
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
392.1	n/a	n/a	n/a	1
373.0	.03	373.1	373.0	4
354.1	.02	354.2	354.1	4
335.1	.24	335.5	334.8	7
316.2	.25	316.7	315.8	10
297.5	.30	297.8	297.0	11
278.7	.30	279.3	278.3	10
259.8	.37	260.3	259.3	8
240.8	.51	241.1	240.0	5
222.1	.29	222.4	221.8	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	8.51	n/a	n/a	n/a	1
24.20	8.29	.589	8.86	7.76	4
24.40	8.58	.648	9.27	8.02	4
24.60	8.89	.536	9.76	8.11	7
24.80	9.49	.581	10.32	8.36	10
25.00	9.50	.646	10.24	8.18	11
25.20	9.02	.995	9.89	6.74	10
25.40	8.80	.768	9.58	7.30	8
25.60	8.91	.313	9.21	8.50	5
25.80	8.60	.235	8.83	8.33	5
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
389.7	n/a	n/a	n/a	1
372.0	.35	372.3	371.5	4
353.6	.26	353.8	353.3	4
333.1	1.92	334.7	329.3	7
314.9	.92	315.6	313.3	10
296.2	.75	296.6	294.0	11
277.3	.30	277.5	276.6	10
257.9	.99	258.4	255.8	8
238.7	1.20	239.4	236.6	5
220.2	.19	220.4	219.9	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP01 J A N U A R Y 1956 to 1990

SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	.510	n/a	n/a	n/a	1	.03	n/a	n/a	n/a	1
24.20	.340	.1428	.750	.450	4	.04	.020	.07	.03	4
24.40	.817	.1360	1.020	.730	4	.09	.027	.13	.07	4
24.60	.779	.4997	1.480	.170	7	.11	.110	.30	.00	7
24.80	.960	.5343	1.960	.120	10	.17	.159	.54	.00	10
25.00	1.480	.5016	2.330	.640	11	.36	.221	.78	.06	11
25.20	2.002	.5199	2.910	1.210	10	.66	.326	1.22	.24	10
25.40	2.200	.4407	2.920	1.700	8	.82	.385	1.42	.48	8
25.60	2.226	.2404	2.620	2.040	5	.81	.221	1.17	.64	5
25.80	2.602	.3143	2.930	2.260	5	1.14	.335	1.45	.77	5
26.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	1480	n/a	n/a	n/a	1
24.20	6.43	n/a	n/a	n/a	1	1479	2.6	1482	1477	4
24.40	5.98	n/a	n/a	n/a	1	1481	2.6	1484	1479	4
24.60	6.05	n/a	n/a	n/a	1	1482	2.2	1486	1479	7
24.80	6.10	n/a	n/a	n/a	1	1485	2.1	1488	1481	10
25.00	5.65	n/a	n/a	n/a	1	1486	2.8	1489	1481	11
25.20	5.31	n/a	n/a	n/a	1	1485	3.9	1489	1476	10
25.40	4.83	n/a	n/a	n/a	1	1484	2.9	1487	1479	8
25.60	4.39	n/a	n/a	n/a	1	1485	1.4	1486	1483	5
25.80	4.01	n/a	n/a	n/a	1	1485	1.1	1486	1483	5
26.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

STATION MP01 F E B R U A R Y 1956 to 1990

SIGMA -T.	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
22.60	7.76	n/a	n/a	n/a	1	28.975	n/a	n/a	n/a	1
22.80	7.78	n/a	n/a	n/a	1	29.270	n/a	n/a	n/a	1
23.00	7.79	n/a	n/a	n/a	1	29.527	n/a	n/a	n/a	1
23.20	8.62	1.153	9.43	7.80	2	29.938	.2588	30.121	29.755	2
23.40	8.62	1.153	9.44	7.81	2	30.159	.2376	30.327	29.991	2
23.60	8.65	1.372	9.62	7.68	2	30.444	.2779	30.641	30.248	2
23.80	8.67	1.619	9.81	7.52	2	30.719	.3309	30.953	30.485	2
24.00	8.34	1.428	9.98	7.37	3	30.885	.2858	31.214	30.702	3
24.20	7.81	1.710	10.17	6.11	4	31.042	.3135	31.488	30.758	4
24.40	7.96	1.689	10.39	6.53	4	31.328	.3143	31.784	31.070	4
24.60	7.72	1.363	10.13	6.23	6	31.529	.2515	31.982	31.262	6
24.80	8.25	1.382	10.31	6.52	8	31.876	.2601	32.278	31.569	8
25.00	8.43	.994	9.89	6.78	11	32.159	.1864	32.443	31.858	11
25.20	8.38	.681	9.23	7.11	11	32.402	.1270	32.564	32.170	11
25.40	8.17	.715	9.23	7.11	11	32.617	.1338	32.821	32.424	11
25.60	8.00	.552	8.98	7.31	9	32.840	.1020	33.027	32.717	9
25.80	7.82	.543	8.72	7.29	5	33.063	.1021	33.233	32.964	5
26.00	7.45	.316	7.78	7.15	3	33.249	.0563	33.308	33.196	3
26.20	7.07	n/a	n/a	n/a	1	33.437	n/a	n/a	n/a	1
26.40	6.99	n/a	n/a	n/a	1	33.676	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

SIGMA -T.	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
22.60	6	n/a	n/a	n/a	1	525.6	n/a	n/a	n/a	1
22.80	7	n/a	n/a	n/a	1	506.3	n/a	n/a	n/a	1
23.00	8	n/a	n/a	n/a	1	487.2	n/a	n/a	n/a	1
23.20	5	5.7	9	1	2	468.3	.00	468.3	468.3	2
23.40	8	4.9	11	4	2	449.3	.13	449.3	449.2	2
23.60	9	4.2	12	6	2	430.1	.03	430.1	430.1	2
23.80	11	3.5	13	8	2	410.9	.12	410.9	410.9	2
24.00	16	8.2	25	9	3	392.0	.15	392.2	391.9	3
24.20	15	9.9	29	6	4	373.0	.13	373.2	372.9	4
24.40	18	9.3	31	9	4	354.0	.14	354.1	353.8	4
24.60	20	9.2	33	9	6	335.0	.20	335.3	334.8	6
24.80	26	12.4	49	6	8	316.1	.26	316.6	315.8	8
25.00	36	13.3	55	13	11	297.2	.21	297.6	296.9	11
25.20	52	18.0	83	23	11	278.4	.33	279.1	278.0	11
25.40	65	20.6	107	35	11	259.6	.37	260.4	259.1	11
25.60	71	18.9	94	41	9	240.7	.35	241.2	240.2	9
25.80	78	27.4	118	48	5	221.8	.50	222.6	221.3	5
26.00	86	21.2	102	62	3	202.8	.29	203.0	202.5	3
26.20	114	n/a	n/a	n/a	1	184.2	n/a	n/a	n/a	1
26.40	134	n/a	n/a	n/a	1	165.6	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

SIGMA -T.	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
22.60	7.76	n/a	n/a	n/a	1	524.3	n/a	n/a	n/a	1
22.80	7.78	n/a	n/a	n/a	1	502.5	n/a	n/a	n/a	1
23.00	7.79	n/a	n/a	n/a	1	483.4	n/a	n/a	n/a	1
23.20	8.62	1.153	9.43	7.80	2	464.2	3.25	466.5	461.9	2
23.40	8.62	1.153	9.44	7.81	2	447.9	1.63	449.0	446.7	2
23.60	8.65	1.372	9.62	7.68	2	427.2	1.49	428.2	426.1	2
23.80	8.67	1.619	9.81	7.52	2	407.1	1.77	408.4	405.9	2
24.00	8.34	1.431	9.98	7.37	3	390.3	1.15	391.4	389.1	3
24.20	7.81	1.710	10.17	6.11	4	371.8	.68	372.5	370.9	4
24.40	7.96	1.689	10.39	6.53	4	352.6	.80	353.5	351.6	4
24.60	7.72	1.359	10.12	6.23	6	334.1	.67	334.6	332.9	6
24.80	8.25	1.382	10.31	6.52	8	315.4	.31	315.6	314.8	8
25.00	8.42	.991	9.88	6.78	11	296.4	.29	296.6	295.6	11
25.20	8.37	.682	9.22	7.10	11	277.4	.11	277.5	277.2	11
25.40	8.16	.713	9.22	7.11	11	258.4	.09	258.5	258.2	11
25.60	7.99	.549	8.97	7.31	9	239.4	.09	239.5	239.2	9
25.80	7.82	.542	8.71	7.28	5	220.3	.04	220.4	220.3	5
26.00	7.44	.316	7.77	7.14	3	201.4	.05	201.4	201.3	3
26.20	7.06	n/a	n/a	n/a	1	182.2	n/a	n/a	n/a	1
26.40	6.98	n/a	n/a	n/a	1	163.4	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

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SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	.340	n/a	n/a	n/a	1	.01	n/a	n/a	n/a	1
22.80	.400	n/a	n/a	n/a	1	.01	n/a	n/a	n/a	1
23.00	.450	n/a	n/a	n/a	1	.02	n/a	n/a	n/a	1
23.20	.280	.3111	.500	.060	2	.01	.014	.02	.00	2
23.40	.380	.2546	.560	.200	2	.01	.021	.03	.00	2
23.60	.445	.2333	.610	.280	2	.02	.021	.04	.01	2
23.80	.500	.2263	.660	.340	2	.02	.021	.04	.01	2
24.00	.703	.3050	1.010	.400	3	.07	.057	.13	.02	3
24.20	.657	.4023	1.170	.230	4	.07	.071	.17	.01	4
24.40	.755	.3879	1.260	.340	4	.08	.081	.20	.02	4
24.60	.762	.3946	1.330	.310	6	.08	.080	.22	.01	6
24.80	.948	.4658	1.770	.190	8	.15	.127	.42	.01	8
25.00	1.181	.4266	1.740	.390	11	.24	.150	.48	.02	11
25.20	1.645	.5438	2.550	.650	11	.47	.298	1.04	.08	11
25.40	1.975	.5978	3.210	.930	11	.68	.421	1.68	.16	11
25.60	2.127	.5324	2.650	1.080	9	.77	.363	1.21	.22	9
25.80	2.316	.7377	3.190	1.250	5	.93	.613	1.84	.30	5
26.00	2.407	.7601	2.960	1.540	3	.99	.483	1.41	.46	3
26.20	3.200	n/a	n/a	n/a	1	1.68	n/a	n/a	n/a	1
26.40	3.540	n/a	n/a	n/a	1	2.11	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	1474	n/a	n/a	n/a	1
22.80	n/a	n/a	n/a	n/a	0	1475	n/a	n/a	n/a	1
23.00	n/a	n/a	n/a	n/a	0	1475	n/a	n/a	n/a	1
23.20	n/a	n/a	n/a	n/a	0	1479	4.9	1482	1475	2
23.40	n/a	n/a	n/a	n/a	0	1479	4.2	1482	1476	2
23.60	n/a	n/a	n/a	n/a	0	1480	4.9	1483	1476	2
23.80	n/a	n/a	n/a	n/a	0	1480	7.1	1485	1475	2
24.00	n/a	n/a	n/a	n/a	0	1479	6.1	1486	1475	3
24.20	n/a	n/a	n/a	n/a	0	1477	7.1	1487	1470	4
24.40	n/a	n/a	n/a	n/a	0	1478	7.0	1488	1472	4
24.60	n/a	n/a	n/a	n/a	0	1477	5.5	1487	1471	6
24.80	n/a	n/a	n/a	n/a	0	1480	5.8	1489	1473	8
25.00	n/a	n/a	n/a	n/a	0	1481	4.0	1487	1475	11
25.20	n/a	n/a	n/a	n/a	0	1482	2.8	1486	1477	11
25.40	n/a	n/a	n/a	n/a	0	1482	3.0	1486	1477	11
25.60	n/a	n/a	n/a	n/a	0	1481	2.6	1486	1478	9
25.80	n/a	n/a	n/a	n/a	0	1481	2.3	1485	1479	5
26.00	n/a	n/a	n/a	n/a	0	1480	1.0	1481	1479	3
26.20	n/a	n/a	n/a	n/a	0	1479	n/a	n/a	n/a	1
26.40	n/a	n/a	n/a	n/a	0	1479	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	8.07	n/a	n/a	n/a	1
22.80	8.03	n/a	n/a	n/a	1
23.00	8.00	n/a	n/a	n/a	1
23.20	7.97	n/a	n/a	n/a	1
23.40	7.92	n/a	n/a	n/a	1
23.60	8.16	.417	8.46	7.87	2
23.80	8.05	.191	8.18	7.91	2
24.00	8.31	.619	9.23	7.92	4
24.20	8.32	.622	9.20	7.80	4
24.40	8.35	.481	8.94	7.70	6
24.60	8.45	.943	11.22	7.60	14
24.80	8.34	1.000	11.08	7.32	24
25.00	8.29	.638	9.50	7.41	23
25.20	8.34	.521	9.28	7.47	23
25.40	8.34	.437	9.09	7.48	21
25.60	8.24	.397	8.84	7.51	17
25.80	8.08	.273	8.34	7.48	13
26.00	7.94	.224	8.16	7.44	11
26.20	7.70	.143	7.85	7.39	9
26.40	7.43	.002	7.43	7.43	2
26.60	6.85	n/a	n/a	n/a	1

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	29.013	n/a	n/a	n/a	1
22.80	29.290	n/a	n/a	n/a	1
23.00	29.536	n/a	n/a	n/a	1
23.20	29.771	n/a	n/a	n/a	1
23.40	30.035	n/a	n/a	n/a	1
23.60	30.340	.0966	30.409	30.272	2
23.80	30.571	.0592	30.613	30.529	2
24.00	30.899	.1453	31.115	30.803	4
24.20	31.134	.1018	31.283	31.055	4
24.40	31.398	.0880	31.505	31.274	6
24.60	31.661	.1977	32.223	31.503	14
24.80	31.889	.2001	32.449	31.695	24
25.00	32.132	.1200	32.371	31.967	23
25.20	32.395	.0970	32.573	32.231	23
25.40	32.648	.0825	32.793	32.487	21
25.60	32.886	.0718	33.000	32.747	17
25.80	33.111	.0450	33.159	33.023	13
26.00	33.341	.0358	33.378	33.270	11
26.20	33.548	.0262	33.577	33.492	9
26.40	33.754	.0068	33.755	33.753	2
26.60	33.906	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	9	n/a	n/a	n/a	1
22.80	12	n/a	n/a	n/a	1
23.00	14	n/a	n/a	n/a	1
23.20	15	n/a	n/a	n/a	1
23.40	17	n/a	n/a	n/a	1
23.60	13	9.2	19	6	2
23.80	17	5.7	21	13	2
24.00	19	13.5	34	2	4
24.20	21	15.0	38	5	4
24.40	22	15.5	43	2	6
24.60	26	15.0	52	2	14
24.80	31	16.0	72	4	24
25.00	39	14.2	60	8	23
25.20	47	18.0	80	14	23
25.40	56	16.8	84	17	21
25.60	67	14.0	99	45	17
25.80	75	10.6	96	56	13
26.00	81	7.9	94	69	11
26.20	89	7.5	102	80	9
26.40	113	28.3	133	93	2
26.60	153	n/a	n/a	n/a	1

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	525.7	n/a	n/a	n/a	1
22.80	506.5	n/a	n/a	n/a	1
23.00	487.4	n/a	n/a	n/a	1
23.20	468.4	n/a	n/a	n/a	1
23.40	449.2	n/a	n/a	n/a	1
23.60	430.2	.00	430.2	430.2	2
23.80	411.2	.11	411.2	411.1	2
24.00	392.1	.14	392.2	391.9	4
24.20	373.0	.17	373.3	372.9	4
24.40	354.0	.17	354.3	353.8	6
24.60	335.1	.27	335.8	334.7	14
24.80	316.2	.33	317.2	315.7	24
25.00	297.5	.23	297.7	296.8	23
25.20	278.5	.29	278.9	277.8	23
25.40	259.5	.28	260.0	258.9	21
25.60	240.7	.25	241.3	240.3	17
25.80	221.8	.15	222.1	221.5	13
26.00	202.9	.10	203.1	202.7	11
26.20	184.0	.09	184.1	183.9	9
26.40	165.3	.42	165.6	165.0	2
26.60	146.9	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	8.07	n/a	n/a	n/a	1
22.80	8.03	n/a	n/a	n/a	1
23.00	8.00	n/a	n/a	n/a	1
23.20	7.96	n/a	n/a	n/a	1
23.40	7.92	n/a	n/a	n/a	1
23.60	8.16	.417	8.46	7.87	2
23.80	8.04	.191	8.17	7.90	2
24.00	8.30	.621	9.23	7.92	4
24.20	8.32	.622	9.20	7.80	4
24.40	8.35	.481	8.94	7.70	6
24.60	8.45	.941	11.21	7.60	14
24.80	8.33	.997	11.07	7.32	24
25.00	8.29	.639	9.50	7.40	23
25.20	8.34	.521	9.27	7.46	23
25.40	8.34	.438	9.09	7.47	21
25.60	8.23	.398	8.84	7.50	17
25.80	8.07	.275	8.34	7.47	13
26.00	7.93	.225	8.15	7.43	11
26.20	7.69	.144	7.85	7.38	9
26.40	7.41	.007	7.42	7.41	2
26.60	6.83	n/a	n/a	n/a	1

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	525.5	n/a	n/a	n/a	1
22.80	504.5	n/a	n/a	n/a	1
23.00	485.5	n/a	n/a	n/a	1
23.20	467.5	n/a	n/a	n/a	1
23.40	447.2	n/a	n/a	n/a	1
23.60	427.8	1.56	428.9	426.7	2
23.80	408.9	1.91	410.2	407.5	2
24.00	388.2	2.50	391.2	385.1	4
24.20	370.9	2.63	372.6	367.0	4
24.40	351.6	2.67	353.7	348.0	6
24.60	333.8	2.39	334.7	325.9	14
24.80	315.3	.61	315.7	312.9	24
25.00	296.2	.67	296.6	293.4	23
25.20	277.3	.57	277.6	275.0	23
25.40	258.4	.06	258.5	258.3	21
25.60	239.3	.57	239.5	237.1	17
25.80	220.2	.77	220.5	217.6	13
26.00	201.2	.54	201.5	199.6	11
26.20	182.4	.04	182.4	182.3	9
26.40	163.4	.03	163.4	163.4	2
26.60	144.4	n/a	n/a	n/a	1

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SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	.500	n/a	n/a	n/a	1	.02	n/a	n/a	n/a	1
22.80	.610	n/a	n/a	n/a	1	.04	n/a	n/a	n/a	1
23.00	.710	n/a	n/a	n/a	1	.05	n/a	n/a	n/a	1
23.20	.800	n/a	n/a	n/a	1	.06	n/a	n/a	n/a	1
23.40	.880	n/a	n/a	n/a	1	.08	n/a	n/a	n/a	1
23.60	.615	.4879	.960	.270	2	.05	.057	.09	.01	2
23.80	.800	.3536	1.050	.550	2	.07	.049	.11	.04	2
24.00	.830	.5822	1.390	.070	4	.11	.103	.24	.00	4
24.20	.902	.6558	1.550	.190	4	.13	.141	.30	.00	4
24.40	.883	.6548	1.710	.070	6	.14	.143	.36	.00	6
24.60	.936	.5811	1.860	.070	14	.16	.160	.48	.00	14
24.80	1.062	.5825	2.470	.140	24	.21	.214	.90	.00	24
25.00	1.307	.5255	2.360	.270	23	.29	.188	.65	.01	23
25.20	1.521	.6459	2.970	.380	23	.40	.279	1.07	.02	23
25.40	1.767	.6162	3.080	.510	21	.52	.284	1.16	.04	21
25.60	2.058	.5648	3.450	1.320	17	.70	.319	1.51	.29	17
25.80	2.178	.3359	3.010	1.570	13	.80	.215	1.21	.41	13
26.00	2.306	.3307	3.140	1.840	11	.89	.203	1.33	.59	11
26.20	2.514	.3283	3.290	2.220	9	1.05	.201	1.48	.84	9
26.40	2.875	.4738	3.210	2.540	2	1.49	.552	1.88	1.10	2
26.60	3.470	n/a	n/a	n/a	1	2.27	n/a	n/a	n/a	1

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	1476	n/a	n/a	n/a	1
22.80	n/a	n/a	n/a	n/a	0	1476	n/a	n/a	n/a	1
23.00	n/a	n/a	n/a	n/a	0	1476	n/a	n/a	n/a	1
23.20	n/a	n/a	n/a	n/a	0	1476	n/a	n/a	n/a	1
23.40	n/a	n/a	n/a	n/a	0	1476	n/a	n/a	n/a	1
23.60	n/a	n/a	n/a	n/a	0	1478	1.4	1479	1477	2
23.80	n/a	n/a	n/a	n/a	0	1478	.7	1478	1477	2
24.00	n/a	n/a	n/a	n/a	0	1479	2.5	1483	1478	4
24.20	n/a	n/a	n/a	n/a	0	1480	2.4	1483	1478	4
24.40	n/a	n/a	n/a	n/a	0	1480	1.7	1482	1478	6
24.60	n/a	n/a	n/a	n/a	0	1481	3.8	1492	1477	14
24.80	n/a	n/a	n/a	n/a	0	1481	4.3	1492	1476	24
25.00	6.42	n/a	n/a	n/a	1	1481	2.6	1486	1477	23
25.20	n/a	n/a	n/a	n/a	0	1482	2.2	1486	1478	23
25.40	n/a	n/a	n/a	n/a	0	1482	1.7	1485	1479	21
25.60	n/a	n/a	n/a	n/a	0	1482	1.7	1485	1479	17
25.80	n/a	n/a	n/a	n/a	0	1482	1.1	1483	1480	13
26.00	n/a	n/a	n/a	n/a	0	1482	.8	1483	1480	11
26.20	n/a	n/a	n/a	n/a	0	1481	.7	1482	1480	9
26.40	n/a	n/a	n/a	n/a	0	1481	.0	1481	1481	2
26.60	n/a	n/a	n/a	n/a	0	1480	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	10.08	n/a	n/a	n/a	1
23.80	9.92	n/a	n/a	n/a	1
24.00	9.63	.552	10.02	9.24	2
24.20	9.34	.484	10.01	8.87	4
24.40	8.95	.830	9.98	7.80	5
24.60	8.73	.890	9.95	7.55	6
24.80	8.66	.881	9.77	7.43	6
25.00	8.50	.826	9.63	7.38	7
25.20	8.40	.793	9.47	7.43	7
25.40	8.25	.766	9.40	7.53	7
25.60	8.18	.649	9.14	7.50	7
25.80	8.04	.553	8.86	7.45	7
26.00	7.65	.427	8.34	7.22	5
26.20	7.54	.348	7.91	7.22	3
26.40	7.50	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
30.704	n/a	n/a	n/a	1
30.909	n/a	n/a	n/a	1
31.166	.0388	31.193	31.138	2
31.314	.1072	31.463	31.213	4
31.507	.1713	31.715	31.275	5
31.718	.1809	31.942	31.479	6
31.963	.1720	32.172	31.717	6
32.174	.1564	32.390	31.959	7
32.407	.1509	32.614	32.225	7
32.637	.1457	32.857	32.498	7
32.882	.1215	33.060	32.752	7
33.106	.1065	33.259	32.992	7
33.287	.0788	33.413	33.207	5
33.521	.0648	33.590	33.461	3
33.766	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	6	n/a	n/a	n/a	1
23.80	10	n/a	n/a	n/a	1
24.00	9	7.1	14	4	2
24.20	11	6.9	17	2	4
24.40	18	4.7	24	13	5
24.60	18	8.5	31	5	6
24.80	22	9.9	38	7	6
25.00	26	11.8	43	9	7
25.20	40	13.2	54	21	7
25.40	58	13.0	72	33	7
25.60	69	15.3	85	42	7
25.80	78	14.7	93	51	7
26.00	92	14.6	109	69	5
26.20	102	3.5	106	99	3
26.40	119	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
430.2	n/a	n/a	n/a	1
411.2	n/a	n/a	n/a	1
392.1	.21	392.2	391.9	2
373.0	.07	373.1	372.9	4
354.0	.12	354.1	353.8	5
335.0	.16	335.2	334.8	6
316.0	.20	316.3	315.7	6
297.1	.19	297.3	296.8	7
278.3	.23	278.5	277.9	7
259.5	.27	259.8	259.0	7
240.7	.32	241.0	240.1	7
221.8	.28	222.1	221.3	7
203.0	.25	203.2	202.6	5
184.1	.15	184.3	184.0	3
165.5	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	10.08	n/a	n/a	n/a	1
23.80	9.92	n/a	n/a	n/a	1
24.00	9.63	.552	10.02	9.24	2
24.20	9.34	.484	10.01	8.87	4
24.40	8.95	.830	9.98	7.80	5
24.60	8.73	.890	9.95	7.55	6
24.80	8.66	.885	9.77	7.42	6
25.00	8.50	.822	9.62	7.38	7
25.20	8.39	.790	9.46	7.43	7
25.40	8.24	.764	9.39	7.53	7
25.60	8.17	.646	9.13	7.50	7
25.80	8.03	.553	8.85	7.44	7
26.00	7.64	.427	8.33	7.21	5
26.20	7.53	.348	7.90	7.21	3
26.40	7.49	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
428.5	n/a	n/a	n/a	1
410.8	n/a	n/a	n/a	1
387.4	5.45	391.3	383.6	2
372.1	.67	372.6	371.2	4
352.2	2.06	353.6	348.7	5
333.4	2.03	334.7	329.4	6
314.2	1.28	315.5	312.2	6
296.2	.46	296.6	295.5	7
277.4	.20	277.6	277.0	7
258.1	.59	258.5	257.0	7
238.8	.89	239.4	237.2	7
220.1	.56	220.5	218.5	7
201.2	.35	201.4	200.6	5
182.3	.21	182.5	182.1	3
163.4	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

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SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	.280	n/a	n/a	n/a	1	.01	n/a	n/a	n/a	1
23.80	.440	n/a	n/a	n/a	1	.02	n/a	n/a	n/a	1
24.00	.380	.3111	.600	.160	2	.02	.028	.04	.00	2
24.20	.450	.2861	.690	.070	4	.03	.030	.06	.00	4
24.40	.676	.1714	.870	.490	5	.06	.031	.10	.03	5
24.60	.688	.3187	1.130	.180	6	.08	.060	.18	.00	6
24.80	.813	.3634	1.370	.250	6	.10	.084	.26	.01	6
25.00	.904	.4312	1.520	.320	7	.13	.105	.32	.01	7
25.20	1.329	.4709	1.830	.650	7	.28	.156	.48	.07	7
25.40	1.814	.4080	2.130	.950	7	.53	.195	.72	.16	7
25.60	2.076	.4553	2.460	1.170	7	.71	.272	.98	.24	7
25.80	2.299	.4423	2.670	1.400	7	.87	.295	1.16	.35	7
26.00	2.554	.4521	2.870	1.760	5	1.12	.339	1.50	.57	5
26.20	2.760	.3005	2.990	2.420	3	1.29	.145	1.44	1.15	3
26.40	3.210	n/a	n/a	n/a	1	1.70	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	1485	n/a	n/a	n/a	1
23.80	n/a	n/a	n/a	n/a	0	1485	n/a	n/a	n/a	1
24.00	n/a	n/a	n/a	n/a	0	1485	2.1	1486	1483	2
24.20	n/a	n/a	n/a	n/a	0	1483	2.1	1486	1481	4
24.40	n/a	n/a	n/a	n/a	0	1482	3.0	1486	1478	5
24.60	n/a	n/a	n/a	n/a	0	1482	3.7	1487	1477	6
24.80	n/a	n/a	n/a	n/a	0	1482	3.7	1486	1477	6
25.00	n/a	n/a	n/a	n/a	0	1482	3.3	1486	1477	7
25.20	n/a	n/a	n/a	n/a	0	1482	3.3	1486	1478	7
25.40	n/a	n/a	n/a	n/a	0	1482	3.1	1486	1479	7
25.60	n/a	n/a	n/a	n/a	0	1482	2.8	1486	1479	7
25.80	n/a	n/a	n/a	n/a	0	1482	2.3	1485	1479	7
26.00	n/a	n/a	n/a	n/a	0	1481	1.9	1484	1479	5
26.20	n/a	n/a	n/a	n/a	0	1481	1.0	1482	1480	3
26.40	n/a	n/a	n/a	n/a	0	1481	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	11.58	n/a	n/a	n/a	1
23.00	11.30	.325	11.53	11.07	2
23.20	10.91	1.326	12.82	9.13	5
23.40	10.64	1.154	12.55	8.64	8
23.60	10.38	.940	12.15	8.36	12
23.80	10.14	.862	11.73	8.16	17
24.00	9.82	.760	11.28	8.03	19
24.20	9.72	.873	11.32	7.91	22
24.40	9.41	.700	10.62	7.87	27
24.60	9.17	.665	10.50	7.79	31
24.80	8.86	.548	9.68	7.77	33
25.00	8.55	.475	9.28	7.56	33
25.20	8.33	.436	9.18	7.42	33
25.40	8.13	.406	8.99	7.32	33
25.60	7.98	.375	8.76	7.24	33
25.80	7.80	.339	8.51	7.19	31
26.00	7.59	.305	8.19	7.11	28
26.20	7.31	.278	7.83	6.89	20
26.40	6.91	.224	7.36	6.65	7
26.60	6.74	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
30.025	n/a	n/a	n/a	1
30.250	.0175	30.263	30.237	2
30.381	.3049	30.848	30.002	5
30.574	.2482	30.996	30.161	8
30.773	.1958	31.172	30.369	12
30.976	.1839	31.326	30.571	17
31.164	.1621	31.465	30.804	19
31.402	.1821	31.752	31.034	22
31.586	.1422	31.858	31.285	27
31.796	.1348	32.076	31.524	31
31.989	.1093	32.151	31.773	33
32.183	.0918	32.319	31.994	33
32.395	.0831	32.556	32.221	33
32.613	.0778	32.776	32.467	33
32.843	.0713	32.985	32.707	33
33.063	.0630	33.189	32.946	31
33.278	.0537	33.384	33.197	28
33.480	.0484	33.572	33.413	20
33.664	.0374	33.741	33.623	7
33.888	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	0	n/a	n/a	n/a	1
23.00	7	7	7	6	2
23.20	8	4.2	11	1	5
23.40	10	4.7	19	5	8
23.60	11	4.9	23	5	12
23.80	14	5.6	27	5	17
24.00	17	6.0	32	3	19
24.20	20	6.8	39	8	22
24.40	22	9.0	46	8	27
24.60	25	10.6	52	0	31
24.80	30	11.9	57	4	33
25.00	36	11.6	63	13	33
25.20	44	11.6	68	20	33
25.40	52	12.3	77	29	33
25.60	60	13.8	90	36	33
25.80	69	14.0	102	41	31
26.00	78	14.7	115	45	28
26.20	90	15.0	124	68	20
26.40	104	18.6	138	85	7
26.60	145	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
506.5	n/a	n/a	n/a	1
487.4	.03	487.5	487.4	2
468.4	.05	468.5	468.3	5
449.3	.12	449.5	449.2	8
430.2	.07	430.4	430.1	12
411.2	.12	411.4	411.0	17
392.2	.12	392.4	391.9	19
373.1	.11	373.3	372.9	22
354.1	.14	354.4	353.8	27
335.1	.18	335.5	334.7	31
316.1	.18	316.5	315.7	33
297.2	.16	297.5	296.9	33
278.3	.19	278.7	277.9	33
259.4	.24	259.9	258.9	33
240.5	.26	241.1	239.9	33
221.6	.28	222.3	220.9	31
202.8	.26	203.4	202.2	28
183.9	.30	184.6	183.5	20
165.1	.32	165.7	164.8	7
146.7	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	11.58	n/a	n/a	n/a	1
23.00	11.30	.325	11.53	11.07	2
23.20	10.91	1.326	12.82	9.13	5
23.40	10.64	1.154	12.55	8.64	8
23.60	10.37	.939	12.15	8.36	12
23.80	10.14	.863	11.73	8.16	17
24.00	9.81	.761	11.27	8.02	19
24.20	9.72	.871	11.32	7.91	22
24.40	9.41	.700	10.61	7.86	27
24.60	9.17	.667	10.50	7.79	31
24.80	8.85	.549	9.68	7.77	33
25.00	8.55	.476	9.28	7.56	33
25.20	8.33	.436	9.17	7.41	33
25.40	8.12	.405	8.99	7.32	33
25.60	7.97	.375	8.76	7.24	33
25.80	7.79	.339	8.50	7.18	31
26.00	7.58	.304	8.18	7.11	28
26.20	7.30	.278	7.82	6.89	20
26.40	6.90	.221	7.34	6.64	7
26.60	6.73	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
503.2	n/a	n/a	n/a	1
481.9	4.10	484.8	479.0	2
466.4	1.37	467.9	464.3	5
447.6	1.12	448.8	445.5	8
428.5	1.19	429.9	426.7	12
409.6	1.15	410.9	406.3	17
390.6	1.72	391.8	385.1	19
371.6	1.40	372.8	367.2	22
353.1	.82	353.7	350.9	27
333.9	.79	334.6	331.1	31
314.9	1.08	315.7	311.3	33
296.1	.89	296.6	291.7	33
277.1	1.02	277.6	273.5	33
258.0	1.12	258.6	254.2	33
238.8	1.25	239.5	235.1	33
219.9	1.10	220.5	216.8	31
201.1	.71	201.5	198.4	28
182.3	.42	182.5	180.6	20
163.3	.17	163.4	163.0	7
144.4	n/a	n/a	n/a	1

STATION MP01 M A Y 1956 to 1990

DELTA D

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	.000	n/a	n/a	n/a	1
23.00	.315	.0495	.350	.280	2
23.20	.394	.2040	.550	.050	5
23.40	.490	.2303	.930	.250	8
23.60	.524	.2440	1.110	.150	12
23.80	.621	.2620	1.270	.210	17
24.00	.741	.2738	1.450	.130	19
24.20	.845	.3072	1.720	.350	22
24.40	.908	.3918	1.970	.280	27
24.60	.990	.4473	2.190	.000	31
24.80	1.125	.4989	2.370	.130	33
25.00	1.319	.4846	2.530	.390	33
25.20	1.542	.4808	2.680	.640	33
25.40	1.776	.4884	2.830	.850	33
25.60	1.976	.5125	3.000	1.030	33
25.80	2.170	.5178	3.240	1.270	31
26.00	2.342	.5225	3.510	1.350	28
26.20	2.506	.5105	3.690	1.790	20
26.40	2.696	.5739	3.630	2.090	7
26.60	3.690	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
.00	n/a	n/a	n/a	1
.01	.000	.01	.01	2
.02	.013	.03	.00	5
.03	.026	.09	.01	8
.04	.034	.13	.00	12
.05	.038	.17	.01	17
.07	.048	.23	.00	19
.09	.066	.32	.01	22
.12	.089	.43	.01	27
.14	.110	.54	.00	31
.19	.137	.64	.00	33
.25	.158	.74	.03	33
.34	.183	.85	.07	33
.46	.215	.95	.12	33
.58	.261	1.21	.18	33
.71	.297	1.50	.24	31
.85	.336	1.79	.28	28
1.03	.373	2.02	.53	20
1.25	.486	2.12	.76	7
2.17	n/a	n/a	n/a	1

OXYGEN

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	7.58	n/a	n/a	n/a	1
23.80	6.92	.240	7.09	6.75	2
24.00	6.65	.156	6.76	6.54	5
24.20	6.40	.120	6.49	6.32	5
24.40	6.18	.099	6.25	6.11	2
24.60	5.89	.092	5.96	5.83	2
24.80	5.57	.127	5.66	5.48	2
25.00	5.29	.134	5.38	5.19	2
25.20	4.80	.057	4.84	4.76	2
25.40	4.35	.092	4.41	4.28	2
25.60	3.92	.156	4.03	3.81	2
25.80	3.54	.198	3.68	3.40	2
26.00	3.12	.127	3.21	3.03	2
26.20	2.69	.021	2.70	2.67	2
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
1490	n/a	n/a	n/a	1
1489	1.4	1490	1488	2
1488	5.0	1495	1481	5
1487	4.5	1494	1479	8
1487	3.5	1493	1479	12
1486	3.4	1492	1478	17
1485	3.1	1491	1478	19
1485	3.4	1491	1478	22
1484	2.7	1489	1478	27
1484	2.7	1488	1478	31
1483	2.1	1486	1478	33
1482	1.9	1485	1478	33
1482	1.8	1485	1478	33
1481	1.7	1485	1478	33
1481	1.7	1484	1478	33
1481	1.5	1484	1478	31
1480	1.5	1483	1478	28
1480	1.4	1482	1478	20
1479	1.3	1481	1477	7
1479	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
22.60	14.31	n/a	n/a	n/a	1
22.80	13.58	n/a	n/a	n/a	1
23.00	13.02	n/a	n/a	n/a	1
23.20	12.48	n/a	n/a	n/a	1
23.40	12.72	1.082	13.49	11.96	2
23.60	12.14	1.444	13.48	9.67	7
23.80	11.63	1.014	12.71	9.49	10
24.00	11.20	.833	12.50	9.39	12
24.20	10.70	.623	11.72	9.32	13
24.40	10.61	.722	11.90	9.09	25
24.60	10.06	.612	11.52	8.78	30
24.80	9.50	.478	10.88	8.56	35
25.00	8.97	.354	9.95	8.32	35
25.20	8.52	.257	9.20	8.04	34
25.40	8.22	.188	8.81	7.86	34
25.60	7.99	.149	8.55	7.72	33
25.80	7.76	.123	8.25	7.59	33
26.00	7.51	.111	7.92	7.31	32
26.20	7.25	.113	7.56	7.04	25
26.40	6.90	.098	7.03	6.69	15
26.60	6.53	.057	6.57	6.45	4

SALINITY

MEAN	S.D.	MAX	MIN	N
30.397	n/a	n/a	n/a	1
30.517	n/a	n/a	n/a	1
30.608	n/a	n/a	n/a	1
30.736	n/a	n/a	n/a	1
31.093	.2985	31.304	30.882	2
31.197	.2845	31.486	30.797	7
31.352	.1778	31.589	31.100	10
31.495	.1613	31.794	31.264	12
31.612	.1310	31.845	31.376	13
31.841	.1577	32.130	31.542	25
31.980	.1313	32.315	31.722	30
32.116	.1010	32.423	31.939	35
32.267	.0728	32.462	32.148	35
32.430	.0515	32.574	32.333	34
32.626	.0364	32.741	32.559	34
32.840	.0282	32.946	32.786	33
33.051	.0229	33.143	33.017	33
33.260	.0210	33.334	33.225	32
33.469	.0203	33.522	33.430	25
33.661	.0173	33.685	33.624	15
33.853	.0126	33.859	33.838	4

DEPTH

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
22.60	5	n/a	n/a	n/a	1
22.80	7	n/a	n/a	n/a	1
23.00	9	n/a	n/a	n/a	1
23.20	11	n/a	n/a	n/a	1
23.40	8	7.8	13	2	2
23.60	6	4.1	14	1	7
23.80	9	4.8	17	1	10
24.00	11	6.3	19	3	12
24.20	14	6.3	23	6	13
24.40	13	9.0	30	1	25
24.60	16	8.8	33	3	30
24.80	22	8.4	38	0	35
25.00	27	9.7	44	4	35
25.20	32	10.4	49	10	34
25.40	43	13.1	65	15	34
25.60	52	14.7	82	18	33
25.80	62	15.1	87	23	33
26.00	70	13.4	92	42	32
26.20	79	12.6	99	49	25
26.40	91	14.4	111	59	15
26.60	118	24.7	145	85	4

SVA

MEAN	S.D.	MAX	MIN	N
525.7	n/a	n/a	n/a	1
506.6	n/a	n/a	n/a	1
487.5	n/a	n/a	n/a	1
468.4	n/a	n/a	n/a	1
449.3	.13	449.3	449.2	2
430.2	.08	430.3	430.0	7
411.1	.16	411.3	410.8	10
392.1	.18	392.3	391.8	12
373.1	.13	373.3	372.9	13
354.0	.16	354.4	353.8	25
335.0	.15	335.3	334.8	30
316.1	.13	316.3	315.7	35
297.1	.17	297.4	296.7	35
278.1	.17	278.4	277.8	34
259.3	.21	259.6	258.8	34
240.4	.23	240.8	239.8	33
221.5	.24	221.9	220.9	33
202.6	.20	202.9	202.3	32
183.7	.19	184.0	183.3	25
164.9	.21	165.2	164.4	15
146.3	.33	146.6	145.8	4

THETA

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
22.60	14.31	n/a	n/a	n/a	1
22.80	13.58	n/a	n/a	n/a	1
23.00	13.01	n/a	n/a	n/a	1
23.20	12.48	n/a	n/a	n/a	1
23.40	12.72	1.082	13.49	11.96	2
23.60	12.14	1.443	13.47	9.67	7
23.80	11.63	1.014	12.71	9.49	10
24.00	11.20	.833	12.50	9.39	12
24.20	10.70	.623	11.72	9.32	13
24.40	10.61	.722	11.90	9.09	25
24.60	10.06	.612	11.52	8.78	30
24.80	9.50	.478	10.88	8.56	35
25.00	8.97	.355	9.95	8.31	35
25.20	8.52	.257	9.20	8.04	34
25.40	8.22	.190	8.81	7.86	34
25.60	7.98	.150	8.55	7.72	33
25.80	7.75	.124	8.25	7.58	33
26.00	7.50	.111	7.91	7.30	32
26.20	7.24	.112	7.55	7.03	25
26.40	6.89	.098	7.02	6.68	15
26.60	6.53	.057	6.56	6.44	4

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
525.6	n/a	n/a	n/a	1
502.7	n/a	n/a	n/a	1
485.4	n/a	n/a	n/a	1
466.2	n/a	n/a	n/a	1
444.8	2.26	446.4	443.2	2
427.4	5.29	429.9	415.4	7
406.4	6.14	410.8	390.1	10
388.5	4.35	391.7	376.4	12
371.3	1.55	372.8	367.0	13
353.0	.62	353.7	351.3	25
333.9	.68	334.7	332.2	30
315.1	.52	315.6	313.3	35
295.8	.89	296.5	292.7	35
277.1	.65	277.6	274.6	34
258.3	.20	258.5	257.7	34
239.2	.76	239.5	235.8	33
220.2	.87	220.5	215.8	33
201.3	.67	201.5	197.6	32
182.3	.35	182.5	180.9	25
163.4	.07	163.5	163.3	15
144.5	.05	144.5	144.4	4

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SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	.260	n/a	n/a	n/a	1	.01	n/a	n/a	n/a	1
22.80	.370	n/a	n/a	n/a	1	.01	n/a	n/a	n/a	1
23.00	.470	n/a	n/a	n/a	1	.02	n/a	n/a	n/a	1
23.20	.560	n/a	n/a	n/a	1	.03	n/a	n/a	n/a	1
23.40	.360	.4101	.650	.070	2	.02	.028	.04	.00	2
23.60	.290	.2106	.720	.050	7	.01	.017	.05	.00	7
23.80	.404	.2224	.820	.040	10	.02	.021	.07	.00	10
24.00	.461	.2800	.930	.100	12	.03	.031	.09	.00	12
24.20	.588	.2783	1.060	.230	13	.05	.041	.12	.01	13
24.40	.511	.3661	1.190	.050	25	.05	.054	.17	.00	25
24.60	.600	.3619	1.310	.110	30	.06	.062	.21	.00	30
24.80	.787	.3319	1.450	.000	35	.10	.069	.27	.00	35
25.00	.929	.3710	1.630	.110	35	.14	.090	.34	.00	35
25.20	1.090	.3809	1.770	.290	34	.19	.106	.41	.01	34
25.40	1.379	.4275	2.160	.430	34	.31	.162	.61	.03	34
25.60	1.604	.4648	2.570	.510	33	.42	.216	.93	.05	33
25.80	1.837	.4625	2.630	.620	33	.56	.244	1.04	.07	33
26.00	2.015	.4190	2.710	1.050	32	.68	.251	1.14	.21	32
26.20	2.143	.4096	2.900	1.180	25	.78	.244	1.14	.27	25
26.40	2.252	.4063	2.890	1.370	15	.92	.274	1.35	.37	15
26.60	2.472	.5313	3.030	1.750	4	1.31	.503	1.89	.66	4

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	1500	n/a	n/a	n/a	1
22.80	n/a	n/a	n/a	n/a	0	1497	n/a	n/a	n/a	1
23.00	n/a	n/a	n/a	n/a	0	1496	n/a	n/a	n/a	1
23.20	n/a	n/a	n/a	n/a	0	1494	n/a	n/a	n/a	1
23.40	n/a	n/a	n/a	n/a	0	1495	4.2	1498	1492	2
23.60	n/a	n/a	n/a	n/a	0	1493	5.4	1498	1484	7
23.80	n/a	n/a	n/a	n/a	0	1492	3.7	1496	1484	10
24.00	n/a	n/a	n/a	n/a	0	1490	3.3	1495	1483	12
24.20	n/a	n/a	n/a	n/a	0	1489	2.5	1493	1483	13
24.40	n/a	n/a	n/a	n/a	0	1489	2.8	1494	1483	25
24.60	n/a	n/a	n/a	n/a	0	1487	2.4	1493	1482	30
24.80	n/a	n/a	n/a	n/a	0	1485	1.8	1490	1481	35
25.00	n/a	n/a	n/a	n/a	0	1483	1.4	1487	1481	35
25.20	n/a	n/a	n/a	n/a	0	1482	1.0	1485	1480	34
25.40	n/a	n/a	n/a	n/a	0	1481	.8	1484	1480	34
25.60	n/a	n/a	n/a	n/a	0	1481	.6	1483	1480	33
25.80	n/a	n/a	n/a	n/a	0	1480	.7	1483	1480	33
26.00	n/a	n/a	n/a	n/a	0	1480	.6	1482	1479	32
26.20	n/a	n/a	n/a	n/a	0	1479	.8	1481	1478	25
26.40	n/a	n/a	n/a	n/a	0	1478	.5	1479	1478	15
26.60	n/a	n/a	n/a	n/a	0	1478	.5	1478	1477	4

STATION MP01 J U L Y 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	12.69	n/a	n/a	n/a	1
22.80	12.49	.099	12.56	12.42	2
23.00	12.00	.127	12.09	11.91	2
23.20	11.49	.364	11.78	10.99	4
23.40	11.13	.304	11.49	10.75	4
23.60	11.08	.527	11.93	10.59	5
23.80	10.75	.330	11.24	10.47	5
24.00	10.66	.586	11.81	10.27	6
24.20	10.71	.802	11.96	9.90	9
24.40	10.43	.912	12.37	9.51	10
24.60	10.04	.762	11.73	9.17	11
24.80	9.90	.735	11.09	8.87	14
25.00	9.43	.467	9.99	8.74	14
25.20	8.99	.304	9.40	8.55	14
25.40	8.59	.197	8.94	8.33	14
25.60	8.29	.169	8.54	7.97	14
25.80	7.96	.159	8.15	7.55	14
26.00	7.61	.139	7.80	7.31	13
26.20	7.26	.158	7.48	6.98	13
26.40	6.87	.163	7.03	6.60	9
26.60	6.42	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
29.995	n/a	n/a	n/a	1
30.326	.1718	30.448	30.205	2
30.526	.1604	30.639	30.412	2
30.695	.1293	30.836	30.566	4
30.877	.0800	30.984	30.791	4
31.031	.0655	31.096	30.956	5
31.155	.0614	31.219	31.066	5
31.362	.1263	31.607	31.243	6
31.633	.1894	31.983	31.432	9
31.843	.2634	32.441	31.595	10
31.998	.1986	32.455	31.785	11
32.209	.1681	32.493	31.983	14
32.369	.1030	32.525	32.227	14
32.523	.0611	32.607	32.433	14
32.699	.0419	32.770	32.644	14
32.896	.0318	32.940	32.833	14
33.092	.0329	33.146	33.013	14
33.283	.0273	33.329	33.223	13
33.471	.0278	33.509	33.420	13
33.658	.0299	33.690	33.610	9
33.834	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	14	n/a	n/a	n/a	1
22.80	9	10.6	16	1	2
23.00	9	9.9	16	2	2
23.20	6	7.5	17	1	4
23.40	7	7.7	18	2	4
23.60	8	6.6	19	3	5
23.80	9	6.5	20	4	5
24.00	10	6.3	21	4	6
24.20	11	6.6	22	1	9
24.40	14	8.7	29	2	10
24.60	17	10.9	37	4	11
24.80	19	11.5	41	3	14
25.00	24	11.4	43	8	14
25.20	28	11.3	49	15	14
25.40	36	10.3	56	21	14
25.60	43	11.1	63	27	14
25.80	49	10.8	67	33	14
26.00	56	10.2	72	38	13
26.20	66	13.6	95	43	13
26.40	70	10.3	86	53	9
26.60	69	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
525.9	n/a	n/a	n/a	1
506.4	.21	506.5	506.2	2
487.1	.24	487.2	486.9	2
468.0	.17	468.1	467.7	4
448.8	.11	449.0	448.7	4
429.9	.27	430.3	429.6	5
411.0	.24	411.3	410.7	5
392.0	.13	392.1	391.8	6
373.0	.13	373.2	372.8	9
354.0	.17	354.3	353.7	10
335.0	.23	335.4	334.7	11
316.0	.21	316.4	315.7	14
297.0	.19	297.4	296.8	14
278.1	.18	278.4	277.9	14
259.2	.18	259.5	258.9	14
240.3	.19	240.6	240.0	14
221.3	.18	221.6	221.0	14
202.4	.18	202.7	202.1	13
183.6	.22	184.0	183.2	13
164.6	.16	164.8	164.3	9
145.6	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	12.69	n/a	n/a	n/a	1
22.80	12.49	.106	12.56	12.41	2
23.00	12.00	.127	12.09	11.91	2
23.20	11.49	.364	11.78	10.99	4
23.40	11.13	.304	11.49	10.75	4
23.60	11.08	.527	11.93	10.59	5
23.80	10.75	.330	11.24	10.47	5
24.00	10.66	.586	11.81	10.27	6
24.20	10.71	.802	11.96	9.90	9
24.40	10.43	.912	12.37	9.51	10
24.60	10.03	.764	11.73	9.16	11
24.80	9.90	.736	11.09	8.86	14
25.00	9.43	.468	9.99	8.73	14
25.20	8.99	.305	9.40	8.55	14
25.40	8.59	.198	8.94	8.33	14
25.60	8.28	.170	8.53	7.96	14
25.80	7.95	.158	8.15	7.55	14
26.00	7.60	.141	7.80	7.30	13
26.20	7.26	.157	7.47	6.98	13
26.40	6.86	.164	7.02	6.59	9
26.60	6.42	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
524.7	n/a	n/a	n/a	1
496.6	10.89	504.3	488.9	2
473.3	14.07	483.3	463.4	2
452.5	8.36	463.6	445.9	4
432.7	8.70	445.0	425.5	4
420.4	8.81	430.0	410.5	5
405.9	5.69	410.8	397.6	5
389.1	1.84	391.6	387.0	6
370.2	2.17	372.6	365.3	9
350.2	5.28	353.7	338.8	10
332.5	3.21	334.7	326.4	11
314.5	1.31	315.6	311.4	14
295.2	1.15	296.4	292.2	14
277.1	.39	277.6	276.4	14
258.1	.55	258.5	256.4	14
239.2	.58	239.5	237.2	14
220.0	.94	220.5	216.8	14
200.9	1.01	201.5	198.0	13
182.3	.16	182.5	181.9	13
163.3	.46	163.5	162.1	9
144.5	n/a	n/a	n/a	1

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SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	.840	n/a	n/a	n/a	1	.06	n/a	n/a	n/a	1
22.80	.465	.6010	.890	.040	2	.04	.049	.07	.00	2
23.00	.510	.6081	.940	.080	2	.04	.057	.08	.00	2
23.20	.303	.4532	.980	.030	4	.02	.040	.08	.00	4
23.40	.357	.4435	1.020	.080	4	.02	.045	.09	.00	4
23.60	.400	.3818	1.060	.120	5	.03	.042	.10	.00	5
23.80	.452	.3729	1.090	.160	5	.03	.045	.11	.00	5
24.00	.455	.3599	1.140	.170	6	.03	.046	.12	.00	6
24.20	.463	.3404	1.190	.020	9	.03	.042	.13	.00	9
24.40	.568	.3869	1.240	.090	10	.05	.058	.16	.00	10
24.60	.670	.4469	1.360	.140	11	.08	.081	.25	.00	11
24.80	.714	.4555	1.490	.100	14	.09	.090	.30	.00	14
25.00	.859	.4528	1.580	.240	14	.12	.103	.34	.01	14
25.20	.993	.4385	1.740	.480	14	.15	.118	.41	.03	14
25.40	1.190	.3966	1.940	.650	14	.22	.130	.52	.07	14
25.60	1.369	.3964	2.090	.790	14	.29	.157	.62	.10	14
25.80	1.523	.3890	2.200	.930	14	.36	.167	.69	.14	14
26.00	1.671	.3818	2.280	1.030	13	.44	.170	.75	.18	13
26.20	1.853	.4387	2.640	1.130	13	.57	.236	1.07	.22	13
26.40	1.850	.3544	2.290	1.310	9	.57	.167	.81	.31	9
26.60	1.550	n/a	n/a	n/a	1	.46	n/a	n/a	n/a	1

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	1494	n/a	n/a	n/a	1
22.80	n/a	n/a	n/a	n/a	0	1494	.7	1494	1493	2
23.00	n/a	n/a	n/a	n/a	0	1492	.0	1492	1492	2
23.20	n/a	n/a	n/a	n/a	0	1490	1.4	1491	1488	4
23.40	n/a	n/a	n/a	n/a	0	1490	1.3	1491	1488	4
23.60	n/a	n/a	n/a	n/a	0	1489	1.8	1492	1488	5
23.80	n/a	n/a	n/a	n/a	0	1488	1.1	1490	1487	5
24.00	n/a	n/a	n/a	n/a	0	1488	2.3	1493	1487	6
24.20	n/a	n/a	n/a	n/a	0	1489	3.1	1494	1486	9
24.40	n/a	n/a	n/a	n/a	0	1488	3.6	1496	1485	10
24.60	n/a	n/a	n/a	n/a	0	1487	2.8	1493	1484	11
24.80	n/a	n/a	n/a	n/a	0	1487	2.8	1491	1483	14
25.00	n/a	n/a	n/a	n/a	0	1485	1.7	1487	1483	14
25.20	n/a	n/a	n/a	n/a	0	1484	1.3	1486	1482	14
25.40	n/a	n/a	n/a	n/a	0	1483	.7	1484	1482	14
25.60	n/a	n/a	n/a	n/a	0	1482	.8	1483	1481	14
25.80	n/a	n/a	n/a	n/a	0	1481	.9	1482	1479	14
26.00	n/a	n/a	n/a	n/a	0	1480	.8	1481	1479	13
26.20	n/a	n/a	n/a	n/a	0	1479	.7	1480	1478	13
26.40	n/a	n/a	n/a	n/a	0	1478	.8	1479	1477	9
26.60	n/a	n/a	n/a	n/a	0	1476	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	13.59	.836	14.74	12.39	5
23.80	12.59	.740	13.80	11.62	10
24.00	11.88	.728	13.07	11.07	13
24.20	11.51	.804	13.12	10.61	13
24.40	10.96	.610	12.23	10.08	15
24.60	10.60	.656	12.19	9.64	18
24.80	10.10	.551	11.10	9.21	19
25.00	9.69	.506	10.41	8.84	20
25.20	9.20	.386	9.98	8.52	20
25.40	8.73	.327	9.41	8.33	19
25.60	8.33	.252	8.90	7.96	19
25.80	7.99	.253	8.46	7.61	18
26.00	7.64	.247	8.17	7.30	18
26.20	7.25	.230	7.84	6.92	16
26.40	6.90	.130	7.26	6.74	12
26.60	6.50	.020	6.52	6.48	3

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	31.613	.2816	31.947	31.251	5
23.80	31.668	.2071	32.009	31.554	10
24.00	31.759	.1644	32.049	31.616	13
24.20	31.874	.1640	32.166	31.691	13
24.40	31.972	.1371	32.204	31.747	15
24.60	32.130	.1617	32.457	31.896	18
24.80	32.269	.1394	32.582	32.071	19
25.00	32.422	.1138	32.658	32.248	20
25.20	32.553	.0790	32.740	32.445	20
25.40	32.734	.0655	32.870	32.635	19
25.60	32.915	.0555	33.048	32.833	19
25.80	33.105	.0469	33.201	33.033	18
26.00	33.291	.0452	33.380	33.221	18
26.20	33.473	.0402	33.575	33.409	16
26.40	33.664	.0217	33.723	33.643	12
26.60	33.847	.0000	33.850	33.843	3

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	3	3.1	6	0	5
23.80	4	3.8	12	0	10
24.00	6	3.2	12	2	13
24.20	8	3.5	16	4	13
24.40	11	4.9	18	0	15
24.60	14	6.8	30	1	18
24.80	17	8.0	36	1	19
25.00	20	8.5	41	6	20
25.20	24	9.1	47	10	20
25.40	30	10.0	54	14	19
25.60	37	12.1	67	20	19
25.80	45	14.8	79	24	18
26.00	53	15.6	87	29	18
26.20	62	12.0	92	41	15
26.40	72	8.2	82	52	12
26.60	96	11.2	106	84	3

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	430.0	.15	430.2	429.8	5
23.80	410.9	.23	411.3	410.5	10
24.00	391.9	.29	392.3	391.3	13
24.20	372.8	.27	373.1	372.3	13
24.40	353.9	.20	354.2	353.4	15
24.60	334.9	.17	335.3	334.7	18
24.80	315.9	.18	316.3	315.6	19
25.00	297.0	.18	297.4	296.7	20
25.20	278.0	.18	278.4	277.7	20
25.40	259.1	.19	259.5	258.8	19
25.60	240.1	.22	240.7	239.8	19
25.80	221.2	.26	221.8	220.9	18
26.00	202.4	.26	203.0	202.0	18
26.20	183.5	.19	183.9	183.2	16
26.40	164.6	.13	164.8	164.3	12
26.60	146.0	.15	146.1	145.8	3

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	13.59	.840	14.74	12.38	5
23.80	12.59	.740	13.80	11.62	10
24.00	11.88	.729	13.07	11.07	13
24.20	11.51	.803	13.11	10.61	13
24.40	10.96	.610	12.23	10.08	15
24.60	10.60	.656	12.19	9.64	18
24.80	10.10	.551	11.10	9.21	19
25.00	9.69	.506	10.41	8.84	20
25.20	9.20	.385	9.98	8.52	20
25.40	8.73	.327	9.41	8.33	19
25.60	8.33	.252	8.90	7.96	19
25.80	7.99	.253	8.46	7.60	18
26.00	7.64	.246	8.17	7.29	18
26.20	7.24	.231	7.84	6.92	16
26.40	6.89	.130	7.25	6.73	12
26.60	6.49	.020	6.51	6.47	3

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	422.6	12.31	430.0	400.8	5
23.80	399.9	12.01	410.6	373.6	10
24.00	380.5	11.17	391.8	356.8	13
24.20	365.6	9.44	382.7	344.8	13
24.40	349.1	5.40	359.8	335.5	15
24.60	331.4	4.14	334.7	320.3	18
24.80	313.1	3.81	315.6	299.5	19
25.00	295.2	1.95	296.6	288.5	20
25.20	276.6	1.01	277.5	274.7	20
25.40	257.6	1.26	258.5	253.4	19
25.60	238.4	1.56	239.5	234.6	19
25.80	219.5	1.43	220.5	216.1	18
26.00	200.9	.83	201.5	199.1	18
26.20	182.0	.74	182.5	180.4	16
26.40	163.2	.47	163.5	162.1	12
26.60	144.5	.00	144.5	144.5	3

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SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	.112	.1283	.250	.000	5	.00	.005	.01	.00	5
23.80	.156	.1660	.500	.000	10	.00	.010	.03	.00	10
24.00	.266	.1434	.620	.090	12	.01	.014	.05	.00	12
24.20	.348	.1472	.680	.170	13	.02	.015	.06	.00	13
24.40	.429	.1952	.730	.000	15	.03	.020	.07	.00	15
24.60	.517	.2560	1.140	.050	18	.04	.039	.17	.00	18
24.80	.617	.2998	1.330	.030	19	.06	.053	.23	.00	19
25.00	.712	.3135	1.480	.190	20	.08	.063	.29	.01	20
25.20	.832	.3353	1.670	.300	20	.11	.081	.37	.01	20
25.40	1.001	.3561	1.840	.410	19	.16	.107	.47	.03	19
25.60	1.159	.3956	2.170	.550	19	.22	.151	.67	.05	19
25.80	1.349	.4552	2.380	.650	18	.31	.211	.82	.07	18
26.00	1.526	.4668	2.630	.770	18	.40	.249	1.03	.11	18
26.20	1.660	.3502	2.480	.990	16	.47	.196	1.05	.19	16
26.40	1.802	.2720	2.170	1.190	12	.57	.130	.75	.28	12
26.60	2.083	.3921	2.450	1.670	3	.86	.231	1.08	.62	3

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	7.17	n/a	n/a	n/a	1	1499	3.3	1503	1494	5
23.80	6.76	.652	7.51	6.27	3	1496	2.8	1500	1492	10
24.00	6.27	.319	6.64	6.06	3	1493	2.7	1497	1490	12
24.20	6.00	.257	6.24	5.73	3	1492	3.0	1498	1489	13
24.40	5.67	.261	5.97	5.48	3	1490	2.4	1495	1487	15
24.60	5.41	.311	5.77	5.20	3	1489	2.6	1495	1485	18
24.80	5.02	.150	5.19	4.90	3	1488	2.3	1492	1484	19
25.00	4.60	.139	4.72	4.45	3	1486	2.0	1489	1483	20
25.20	4.26	.172	4.38	4.06	3	1485	1.6	1488	1482	20
25.40	3.92	.184	4.05	3.71	3	1483	1.4	1486	1481	19
25.60	3.60	.168	3.73	3.41	3	1482	1.2	1484	1481	19
25.80	3.25	.170	3.45	3.15	3	1481	1.1	1483	1480	18
26.00	2.92	.176	3.08	2.73	3	1480	1.1	1483	1479	18
26.20	2.58	.222	2.76	2.33	3	1479	1.0	1482	1478	16
26.40	2.18	.177	2.30	1.98	3	1478	.4	1479	1477	12
26.60	n/a	n/a	n/a	n/a	0	1477	.0	1477	1477	3

STATION MP01 S E P T E M B E R 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	11.07	n/a	n/a	n/a	1
23.80	11.20	1.252	12.09	10.32	2
24.00	12.22	1.729	13.90	9.87	4
24.20	12.36	1.173	13.62	9.60	9
24.40	11.75	.898	12.72	9.33	12
24.60	11.17	.878	12.27	9.06	16
24.80	10.70	.763	11.83	8.82	19
25.00	10.15	.622	11.05	8.58	19
25.20	9.60	.486	10.38	8.36	19
25.40	9.09	.398	9.84	8.10	20
25.60	8.62	.317	9.19	7.87	20
25.80	8.17	.227	8.59	7.74	20
26.00	7.77	.183	8.09	7.46	19
26.20	7.41	.190	7.69	7.01	19
26.40	7.08	.187	7.36	6.73	16
26.60	6.33	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
30.913	n/a	n/a	n/a	1
31.232	.3196	31.458	31.006	2
31.737	.4099	32.116	31.165	4
32.022	.2792	32.299	31.365	9
32.113	.2061	32.328	31.559	12
32.247	.2060	32.580	31.761	16
32.386	.1672	32.640	31.973	19
32.526	.1397	32.766	32.187	19
32.659	.1126	32.874	32.394	19
32.804	.0828	32.963	32.601	20
32.965	.0654	33.079	32.813	20
33.133	.0489	33.233	33.049	20
33.313	.0382	33.377	33.251	19
33.498	.0347	33.547	33.425	19
33.692	.0327	33.742	33.631	16
33.819	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	1	n/a	n/a	n/a	1
23.80	7	1.4	8	6	2
24.00	10	3.5	13	6	4
24.20	10	5.0	17	1	9
24.40	13	6.2	25	5	12
24.60	13	8.5	30	3	16
24.80	16	8.2	34	5	19
25.00	19	8.2	38	8	19
25.20	22	8.9	42	11	19
25.40	26	9.7	49	14	20
25.60	31	11.6	62	16	20
25.80	37	11.5	67	21	20
26.00	44	11.9	72	26	19
26.20	56	13.9	86	31	19
26.40	70	14.6	89	40	16
26.60	87	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
430.1	n/a	n/a	n/a	1
411.0	.18	411.1	410.9	2
392.0	.22	392.2	391.7	4
373.0	.17	373.2	372.7	9
354.0	.17	354.4	353.8	12
335.0	.20	335.4	334.7	16
315.9	.17	316.4	315.7	19
296.9	.19	297.3	296.7	19
277.9	.20	278.3	277.6	19
259.0	.20	259.4	258.6	20
240.1	.21	240.5	239.8	20
221.1	.20	221.6	220.7	20
202.2	.22	202.7	201.8	19
183.4	.23	183.9	183.0	19
164.6	.23	164.9	164.2	16
145.8	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	11.07	n/a	n/a	n/a	1
23.80	11.20	1.252	12.09	10.32	2
24.00	12.21	1.733	13.90	9.86	4
24.20	12.36	1.172	13.61	9.60	9
24.40	11.74	.897	12.71	9.33	12
24.60	11.17	.880	12.27	9.05	16
24.80	10.70	.763	11.82	8.81	19
25.00	10.15	.623	11.05	8.57	19
25.20	9.59	.489	10.38	8.35	19
25.40	9.09	.398	9.83	8.09	20
25.60	8.61	.319	9.18	7.86	20
25.80	8.17	.228	8.59	7.73	20
26.00	7.77	.185	8.08	7.45	19
26.20	7.40	.189	7.69	7.01	19
26.40	7.07	.188	7.35	6.72	16
26.60	6.33	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
428.9	n/a	n/a	n/a	1
408.1	2.55	409.9	406.3	2
389.1	2.91	391.5	385.1	4
370.1	2.86	372.4	364.9	9
352.2	1.53	353.8	349.7	12
332.5	2.80	334.7	324.5	16
314.2	1.52	315.4	308.6	19
295.0	1.58	296.6	291.8	19
276.2	1.41	277.6	272.7	19
257.8	.91	258.5	255.2	20
238.9	.82	239.5	236.1	20
219.9	1.06	220.5	216.4	20
201.0	.96	201.5	198.3	19
182.3	.35	182.5	181.3	19
163.4	.25	163.5	162.5	16
144.5	n/a	n/a	n/a	1

STATION MP01 S E P T E M B E R 1956 to 1990

SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	.040	n/a	n/a	n/a	1	.00	n/a	n/a	n/a	1
23.80	.305	.0778	.360	.250	2	.01	.007	.02	.01	2
24.00	.395	.1473	.540	.240	4	.02	.012	.03	.01	4
24.20	.417	.2009	.700	.050	9	.02	.020	.06	.00	9
24.40	.485	.2483	.970	.170	12	.04	.035	.12	.00	12
24.60	.492	.3311	1.160	.100	16	.04	.055	.17	.00	16
24.80	.562	.3185	1.280	.150	19	.06	.061	.21	.00	19
25.00	.653	.3163	1.400	.270	19	.07	.070	.25	.01	19
25.20	.745	.3226	1.510	.340	19	.09	.079	.30	.02	19
25.40	.844	.3447	1.690	.420	20	.12	.097	.38	.03	20
25.60	.975	.3948	2.050	.480	20	.16	.135	.58	.04	20
25.80	1.111	.3892	2.160	.590	20	.21	.148	.66	.06	20
26.00	1.277	.4002	2.270	.700	19	.28	.160	.73	.09	19
26.20	1.496	.4289	2.530	.810	19	.39	.203	.95	.12	19
26.40	1.692	.3827	2.360	.960	16	.54	.207	.84	.18	16
26.60	1.780	n/a	n/a	n/a	1	.66	n/a	n/a	n/a	1

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	1489	n/a	n/a	n/a	1
23.80	n/a	n/a	n/a	n/a	0	1490	4.2	1493	1487	2
24.00	n/a	n/a	n/a	n/a	0	1494	6.5	1500	1485	4
24.20	n/a	n/a	n/a	n/a	0	1495	4.3	1500	1485	9
24.40	n/a	n/a	n/a	n/a	0	1493	3.4	1497	1484	12
24.60	n/a	n/a	n/a	n/a	0	1491	3.3	1495	1483	16
24.80	n/a	n/a	n/a	n/a	0	1490	2.9	1494	1483	19
25.00	n/a	n/a	n/a	n/a	0	1488	2.5	1492	1482	19
25.20	n/a	n/a	n/a	n/a	0	1486	1.8	1489	1482	19
25.40	4.52	n/a	n/a	n/a	1	1485	1.4	1487	1481	20
25.60	3.85	n/a	n/a	n/a	1	1483	1.3	1485	1481	20
25.80	3.25	n/a	n/a	n/a	1	1482	.9	1483	1480	20
26.00	2.71	n/a	n/a	n/a	1	1481	.8	1482	1479	19
26.20	2.23	n/a	n/a	n/a	1	1480	.9	1481	1478	19
26.40	1.89	n/a	n/a	n/a	1	1479	1.0	1480	1477	16
26.60	n/a	n/a	n/a	n/a	0	1476	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	11.04	n/a	n/a	n/a	1
24.20	10.53	n/a	n/a	n/a	1
24.40	10.49	.615	10.92	10.05	2
24.60	10.07	.508	10.76	9.57	5
24.80	9.98	.821	11.57	9.12	7
25.00	9.48	.621	10.82	8.78	8
25.20	9.21	.628	10.45	8.40	10
25.40	8.82	.599	9.99	8.02	10
25.60	8.41	.484	9.34	7.77	11
25.80	8.03	.355	8.58	7.54	11
26.00	7.70	.290	8.15	7.30	11
26.20	7.43	.167	7.61	7.18	8
26.40	7.16	.199	7.34	6.88	4
26.60	6.86	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
31.411	n/a	n/a	n/a	1
31.562	n/a	n/a	n/a	1
31.801	.1343	31.896	31.706	2
31.982	.1026	32.119	31.867	5
32.228	.1809	32.586	32.035	7
32.375	.1280	32.656	32.223	8
32.571	.1320	32.839	32.404	10
32.753	.1261	33.007	32.586	10
32.924	.0959	33.111	32.795	11
33.102	.0675	33.208	33.010	11
33.299	.0536	33.380	33.220	11
33.502	.0295	33.532	33.455	8
33.707	.0350	33.738	33.658	4
33.907	n/a	n/a	n/a	1

DEPTH

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	9	n/a	n/a	n/a	1
24.20	17	n/a	n/a	n/a	1
24.40	19	10.6	26	11	2
24.60	17	15.5	37	1	5
24.80	21	11.3	41	11	7
25.00	24	10.9	45	15	8
25.20	27	12.8	48	1	10
25.40	33	13.7	56	8	10
25.60	37	15.5	66	12	11
25.80	46	14.8	72	21	11
26.00	58	16.5	89	28	11
26.20	68	16.9	99	45	8
26.40	77	8.3	84	67	4
26.60	121	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
392.1	n/a	n/a	n/a	1
373.2	n/a	n/a	n/a	1
354.1	.22	354.3	354.0	2
335.1	.25	335.3	334.8	5
316.0	.18	316.3	315.8	7
297.0	.21	297.4	296.8	8
278.0	.23	278.4	277.6	10
259.1	.25	259.5	258.7	10
240.2	.26	240.7	239.8	11
221.3	.23	221.7	220.9	11
202.4	.26	202.9	202.0	11
183.6	.25	184.1	183.3	8
164.8	.13	164.9	164.6	4
146.4	n/a	n/a	n/a	1

THETA

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	11.04	n/a	n/a	n/a	1
24.20	10.53	n/a	n/a	n/a	1
24.40	10.48	.622	10.92	10.04	2
24.60	10.07	.510	10.76	9.57	5
24.80	9.98	.822	11.57	9.12	7
25.00	9.48	.622	10.82	8.78	8
25.20	9.21	.629	10.45	8.39	10
25.40	8.82	.600	9.99	8.01	10
25.60	8.41	.483	9.33	7.76	11
25.80	8.02	.356	8.58	7.54	11
26.00	7.70	.291	8.14	7.29	11
26.20	7.43	.165	7.60	7.17	8
26.40	7.16	.203	7.34	6.87	4
26.60	6.85	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
391.6	n/a	n/a	n/a	1
372.1	n/a	n/a	n/a	1
353.8	.00	353.8	353.7	2
333.8	1.21	334.7	331.8	5
314.4	.72	315.6	313.8	7
295.6	1.33	296.4	292.6	8
276.9	.39	277.6	276.3	10
257.6	1.05	258.5	255.5	10
238.9	1.11	239.5	235.7	11
220.2	.39	220.5	219.1	11
201.1	.63	201.5	199.8	11
182.3	.21	182.5	181.9	8
163.5	.05	163.5	163.4	4
144.5	n/a	n/a	n/a	1

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SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	.370	n/a	n/a	n/a	1	.02	n/a	n/a	n/a	1
24.20	.690	n/a	n/a	n/a	1	.06	n/a	n/a	n/a	1
24.40	.695	.4313	1.000	.390	2	.07	.078	.13	.02	2
24.60	.632	.5693	1.390	.030	5	.09	.108	.26	.00	5
24.80	.736	.4278	1.510	.370	7	.10	.106	.30	.02	7
25.00	.811	.4110	1.630	.490	8	.12	.112	.35	.04	8
25.20	.859	.4602	1.740	.030	10	.14	.124	.41	.00	10
25.40	1.018	.4769	1.940	.210	10	.19	.153	.52	.01	10
25.60	1.126	.5307	2.200	.320	11	.24	.193	.68	.02	11
25.80	1.330	.5024	2.330	.530	11	.32	.206	.77	.05	11
26.00	1.574	.5340	2.680	.670	11	.46	.262	1.06	.09	11
26.20	1.735	.5531	2.890	1.180	8	.57	.323	1.26	.24	8
26.40	1.702	.2256	1.990	1.490	4	.60	.136	.74	.46	4
26.60	2.380	n/a	n/a	n/a	1	1.24	n/a	n/a	n/a	1

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	1490	n/a	n/a	n/a	1
24.20	n/a	n/a	n/a	n/a	0	1488	n/a	n/a	n/a	1
24.40	n/a	n/a	n/a	n/a	0	1489	2.1	1490	1487	2
24.60	n/a	n/a	n/a	n/a	0	1487	2.2	1490	1485	5
24.80	n/a	n/a	n/a	n/a	0	1487	3.1	1493	1484	7
25.00	n/a	n/a	n/a	n/a	0	1486	2.6	1491	1483	8
25.20	n/a	n/a	n/a	n/a	0	1485	2.4	1489	1481	10
25.40	n/a	n/a	n/a	n/a	0	1484	2.4	1488	1480	10
25.60	n/a	n/a	n/a	n/a	0	1482	1.9	1486	1480	11
25.80	n/a	n/a	n/a	n/a	0	1481	1.3	1483	1479	11
26.00	n/a	n/a	n/a	n/a	0	1480	1.1	1482	1479	11
26.20	n/a	n/a	n/a	n/a	0	1480	.8	1481	1479	8
26.40	n/a	n/a	n/a	n/a	0	1479	1.0	1480	1478	4
26.60	n/a	n/a	n/a	n/a	0	1479	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	10.59	n/a	n/a	n/a	1
24.00	10.74	n/a	n/a	n/a	1
24.20	11.19	.474	11.52	10.85	2
24.40	11.16	.219	11.31	11.00	2
24.60	11.40	.665	12.38	10.97	4
24.80	10.85	.646	12.00	10.18	6
25.00	9.81	1.122	11.35	7.65	8
25.20	9.46	.864	10.73	7.68	8
25.40	9.09	.667	10.14	7.92	7
25.60	8.53	.201	8.70	8.20	5
25.80	8.24	.165	8.37	8.00	4
26.00	7.88	.249	8.07	7.60	3
26.20	7.61	.266	7.77	7.30	3
26.40	7.46	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
31.070	n/a	n/a	n/a	1
31.388	n/a	n/a	n/a	1
31.705	.0989	31.775	31.635	2
31.951	.0508	31.987	31.915	2
32.267	.1564	32.499	32.170	4
32.403	.1488	32.671	32.249	6
32.439	.2304	32.769	32.007	8
32.621	.1767	32.896	32.268	8
32.798	.1357	33.020	32.567	7
32.941	.0388	32.972	32.875	5
33.140	.0302	33.164	33.095	4
33.328	.0431	33.361	33.280	3
33.531	.0487	33.560	33.475	3
33.759	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	5	n/a	n/a	n/a	1
24.00	8	n/a	n/a	n/a	1
24.20	18	10.6	25	10	2
24.40	39	33.9	63	15	2
24.60	55	11.9	67	40	4
24.80	66	33.1	102	16	6
25.00	65	33.5	109	23	8
25.20	75	34.1	113	26	8
25.40	77	35.7	124	29	7
25.60	68	25.1	103	33	5
25.80	71	22.3	92	41	4
26.00	72	26.1	94	43	3
26.20	84	29.5	103	50	3
26.40	119	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
411.1	n/a	n/a	n/a	1
392.0	n/a	n/a	n/a	1
373.2	.30	373.4	373.0	2
354.6	.71	355.1	354.1	2
335.9	.22	336.1	335.6	4
317.1	.74	318.0	316.0	6
297.9	.73	299.0	297.1	8
279.0	.72	279.9	278.1	8
260.0	.72	260.9	259.1	7
240.7	.43	241.3	240.1	5
221.8	.40	222.1	221.2	4
202.7	.46	203.1	202.2	3
183.9	.52	184.2	183.3	3
165.5	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	10.59	n/a	n/a	n/a	1
24.00	10.74	n/a	n/a	n/a	1
24.20	11.18	.467	11.51	10.85	2
24.40	11.14	.219	11.30	10.99	2
24.60	11.39	.663	12.37	10.96	4
24.80	10.85	.644	11.99	10.17	6
25.00	9.80	1.120	11.33	7.64	8
25.20	9.46	.861	10.72	7.68	8
25.40	9.08	.664	10.13	7.92	7
25.60	8.53	.202	8.70	8.19	5
25.80	8.23	.165	8.36	7.99	4
26.00	7.88	.244	8.06	7.60	3
26.20	7.60	.266	7.76	7.29	3
26.40	7.45	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
409.5	n/a	n/a	n/a	1
388.4	n/a	n/a	n/a	1
372.4	.56	372.8	372.0	2
353.6	.00	353.6	353.6	2
334.5	.18	334.7	334.3	4
315.3	.21	315.5	315.0	6
296.2	.32	296.6	295.6	8
277.1	.33	277.5	276.6	8
258.3	.23	258.5	257.9	7
239.3	.17	239.4	239.0	5
220.3	.04	220.4	220.3	4
201.3	.17	201.4	201.1	3
182.4	.06	182.5	182.4	3
163.4	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

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SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	.230	n/a	n/a	n/a	1	.01	n/a	n/a	n/a	1
24.00	.310	n/a	n/a	n/a	1	.01	n/a	n/a	n/a	1
24.20	.685	.4172	.980	.390	2	.07	.078	.13	.02	2
24.40	1.475	1.2374	2.350	.600	2	.40	.488	.74	.05	2
24.60	1.970	.4596	2.510	1.440	4	.57	.248	.85	.28	4
24.80	2.267	1.1521	3.460	.520	6	.91	.674	1.79	.04	6
25.00	2.188	1.1815	3.670	.740	8	.89	.766	2.02	.09	8
25.20	2.459	1.1958	3.800	.840	8	1.09	.840	2.16	.11	8
25.40	2.483	1.2443	4.020	.910	7	1.13	.952	2.45	.13	7
25.60	2.114	.9147	3.530	1.000	5	.79	.580	1.73	.16	5
25.80	2.028	.6217	2.580	1.180	4	.75	.393	1.12	.23	4
26.00	2.013	.7016	2.630	1.250	3	.75	.468	1.19	.26	3
26.20	2.237	.7694	2.800	1.360	3	.95	.559	1.36	.31	3
26.40	2.520	n/a	n/a	n/a	1	1.58	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	1488	n/a	n/a	n/a	1
24.00	n/a	n/a	n/a	n/a	0	1489	n/a	n/a	n/a	1
24.20	n/a	n/a	n/a	n/a	0	1491	2.1	1492	1489	2
24.40	n/a	n/a	n/a	n/a	0	1491	1.4	1492	1490	2
24.60	n/a	n/a	n/a	n/a	0	1493	2.4	1496	1491	4
24.80	n/a	n/a	n/a	n/a	0	1491	2.8	1496	1489	6
25.00	n/a	n/a	n/a	n/a	0	1487	4.9	1494	1478	8
25.20	n/a	n/a	n/a	n/a	0	1486	3.7	1492	1479	8
25.40	n/a	n/a	n/a	n/a	0	1485	3.1	1490	1480	7
25.60	n/a	n/a	n/a	n/a	0	1483	.9	1484	1482	5
25.80	n/a	n/a	n/a	n/a	0	1483	1.0	1483	1481	4
26.00	n/a	n/a	n/a	n/a	0	1482	1.5	1483	1480	3
26.20	n/a	n/a	n/a	n/a	0	1481	1.7	1482	1479	3
26.40	n/a	n/a	n/a	n/a	0	1481	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	9.97	n/a	n/a	n/a	1
24.00	9.74	n/a	n/a	n/a	1
24.20	9.47	n/a	n/a	n/a	1
24.40	9.59	1.228	11.37	8.67	4
24.60	10.07	1.144	11.71	8.98	5
24.80	9.41	.813	10.47	8.12	6
25.00	9.15	.720	10.08	7.77	7
25.20	8.89	.657	9.62	7.75	6
25.40	8.62	.585	9.33	7.77	6
25.60	8.39	.492	9.12	7.94	6
25.80	8.02	.300	8.54	7.81	5
26.00	7.68	.142	7.81	7.53	3
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
30.950	n/a	n/a	n/a	1
31.151	n/a	n/a	n/a	1
31.339	n/a	n/a	n/a	1
31.629	.2571	32.003	31.446	4
31.980	.2419	32.339	31.750	5
32.096	.1641	32.315	31.837	6
32.299	.1463	32.505	32.029	7
32.511	.1404	32.697	32.281	6
32.713	.1243	32.868	32.540	6
32.917	.0985	33.055	32.827	6
33.100	.0621	33.208	33.058	5
33.290	.0260	33.313	33.262	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	2	n/a	n/a	n/a	1
24.00	7	n/a	n/a	n/a	1
24.20	11	n/a	n/a	n/a	1
24.40	10	5.2	14	3	4
24.60	23	12.8	41	10	5
24.80	35	25.3	77	14	6
25.00	49	23.4	93	22	7
25.20	53	11.6	64	35	6
25.40	60	13.3	79	40	6
25.60	72	12.3	91	57	6
25.80	79	10.8	91	65	5
26.00	89	6.6	95	82	3
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
411.0	n/a	n/a	n/a	1
392.0	n/a	n/a	n/a	1
373.0	n/a	n/a	n/a	1
353.9	.12	354.1	353.8	4
335.2	.27	335.5	334.9	5
316.2	.48	317.1	315.9	6
297.5	.45	298.3	297.0	7
278.5	.19	278.8	278.2	6
259.5	.27	260.0	259.2	6
240.7	.27	241.2	240.5	6
221.8	.20	222.0	221.6	5
202.9	.05	203.0	202.9	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	9.97	n/a	n/a	n/a	1
24.00	9.74	n/a	n/a	n/a	1
24.20	9.47	n/a	n/a	n/a	1
24.40	9.59	1.228	11.37	8.67	4
24.60	10.06	1.143	11.71	8.98	5
24.80	9.41	.810	10.46	8.12	6
25.00	9.15	.720	10.07	7.76	7
25.20	8.89	.657	9.62	7.75	6
25.40	8.61	.586	9.32	7.76	6
25.60	8.39	.490	9.11	7.94	6
25.80	8.01	.300	8.53	7.80	5
26.00	7.67	.142	7.80	7.52	3
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
407.8	n/a	n/a	n/a	1
390.1	n/a	n/a	n/a	1
372.1	n/a	n/a	n/a	1
353.0	.49	353.5	352.4	4
334.3	.58	334.7	333.3	5
315.3	.36	315.6	314.6	6
296.2	.56	296.6	295.0	7
276.7	1.49	277.5	273.7	6
257.7	1.41	258.5	254.9	6
239.2	.52	239.4	238.1	6
220.2	.41	220.5	219.5	5
201.4	.05	201.5	201.4	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	.070	n/a	n/a	n/a	1	.00	n/a	n/a	n/a	1
24.00	.280	n/a	n/a	n/a	1	.01	n/a	n/a	n/a	1
24.20	.430	n/a	n/a	n/a	1	.02	n/a	n/a	n/a	1
24.40	.375	.2021	.550	.100	4	.02	.017	.04	.00	4
24.60	.828	.4503	1.470	.360	5	.12	.113	.30	.02	5
24.80	1.080	.8812	2.650	.470	6	.26	.387	1.01	.04	6
25.00	1.594	.8023	3.150	.750	7	.46	.461	1.44	.08	7
25.20	1.667	.3744	2.140	1.040	6	.45	.178	.67	.16	6
25.40	1.872	.4300	2.540	1.260	6	.58	.248	.97	.24	6
25.60	2.168	.4067	2.850	1.740	6	.78	.280	1.24	.48	6
25.80	2.276	.3038	2.600	1.940	5	.87	.239	1.15	.60	5
26.00	2.440	.1609	2.610	2.290	3	1.02	.150	1.17	.87	3
26.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	1485	n/a	n/a	n/a	1
24.00	n/a	n/a	n/a	n/a	0	1485	n/a	n/a	n/a	1
24.20	n/a	n/a	n/a	n/a	0	1484	n/a	n/a	n/a	1
24.40	n/a	n/a	n/a	n/a	0	1485	5.0	1492	1481	4
24.60	n/a	n/a	n/a	n/a	0	1487	4.6	1494	1483	5
24.80	n/a	n/a	n/a	n/a	0	1485	3.2	1489	1480	6
25.00	n/a	n/a	n/a	n/a	0	1485	2.9	1488	1479	7
25.20	n/a	n/a	n/a	n/a	0	1484	2.8	1487	1479	6
25.40	n/a	n/a	n/a	n/a	0	1483	2.3	1486	1480	6
25.60	n/a	n/a	n/a	n/a	0	1483	2.1	1486	1481	6
25.80	n/a	n/a	n/a	n/a	0	1482	1.3	1484	1481	5
26.00	n/a	n/a	n/a	n/a	0	1481	.6	1481	1480	3
26.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

Table 8. As in Table 4, for Station 2 (P02).

Table 8 : STATION MP02 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.86	2.227	16.26	6.47	211
10	10.39	1.863	14.78	6.47	211
20	9.47	1.364	13.98	6.65	211
30	8.85	1.010	11.64	6.70	211
50	8.34	.922	11.61	6.79	211
75	8.01	.918	11.72	6.44	207
100	7.64	.955	11.60	6.35	127
125	7.57	.805	9.51	6.48	20
150	7.01	.440	7.87	6.36	10
175	6.71	.522	7.72	6.24	8
200	6.57	.530	6.94	6.19	2

SALINITY

MEAN	S.D.	MAX	MIN	N
31.630	.6647	32.870	28.433	211
31.746	.5808	32.865	28.760	211
32.043	.4597	33.032	30.027	211
32.292	.4128	33.153	30.320	211
32.674	.3961	33.524	30.535	211
33.101	.4462	33.846	30.649	207
33.513	.3538	33.990	32.573	127
33.674	.2603	33.924	32.939	20
33.875	.1115	33.948	33.573	10
33.921	.0906	33.979	33.702	8
33.966	.0273	33.986	33.947	2

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.180	.6331	25.349	20.823	211
10	24.355	.5080	25.376	22.468	211
20	24.747	.4008	25.601	23.404	211
30	25.041	.3687	25.858	23.580	211
50	25.418	.3981	26.243	23.766	211
75	25.801	.4529	26.574	23.863	207
100	26.177	.4029	26.731	24.802	127
125	26.315	.3153	26.664	25.491	20
150	26.553	.1426	26.694	26.196	10
175	26.629	.1382	26.737	26.318	8
200	26.685	.0920	26.750	26.620	2

SVA

MEAN	S.D.	MAX	MIN	N
374.9	60.39	695.9	263.5	211
358.3	48.44	538.3	261.0	211
321.1	38.19	449.2	239.8	211
293.2	35.11	432.4	215.5	211
257.7	37.91	414.9	179.2	211
221.7	43.12	406.0	148.1	207
186.4	38.40	317.6	133.5	127
173.6	30.09	252.2	140.3	20
151.3	13.65	185.4	137.7	10
144.3	13.27	174.2	134.0	8
139.3	8.98	145.7	133.0	2

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.86	2.227	16.26	6.47	211
10	10.39	1.863	14.78	6.47	211
20	9.47	1.364	13.98	6.65	211
30	8.85	1.009	11.64	6.70	211
50	8.34	.920	11.60	6.79	211
75	8.01	.918	11.71	6.43	207
100	7.63	.955	11.59	6.34	127
125	7.56	.803	9.50	6.47	20
150	7.00	.438	7.85	6.35	10
175	6.69	.523	7.70	6.22	8
200	6.55	.530	6.92	6.17	2

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
374.9	60.40	695.9	263.5	211
358.1	48.43	538.2	260.9	211
320.7	38.17	448.8	239.4	211
292.7	35.10	432.0	215.0	211
256.8	37.86	414.2	178.4	211
220.4	43.05	405.0	147.0	207
184.7	38.26	315.2	132.0	127
171.5	29.93	249.7	138.4	20
148.9	13.52	182.7	135.5	10
141.6	13.08	171.1	131.4	8
136.3	8.70	142.5	130.2	2

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	211
10	.370	.0556	.640	.260	211
20	.710	.0914	1.040	.520	211
30	1.018	.1155	1.360	.770	211
50	1.567	.1595	2.190	1.170	211
75	2.166	.2340	3.210	1.600	207
100	2.667	.3073	3.490	2.000	127
125	3.077	.2563	3.660	2.580	20
150	3.417	.1526	3.650	3.200	10
175	3.803	.1823	4.100	3.570	8
200	3.990	.0849	4.050	3.930	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	211
.02	.003	.03	.01	211
.07	.009	.10	.05	211
.15	.016	.21	.11	211
.37	.041	.55	.27	211
.75	.101	1.20	.54	207
1.20	.176	1.68	.89	127
1.73	.221	2.21	1.38	20
2.22	.131	2.47	2.03	10
2.85	.185	3.22	2.64	8
3.38	.078	3.44	3.33	2

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.08	.789	8.78	6.56	7
10	6.74	.291	7.28	6.44	7
20	6.31	.362	6.59	5.60	7
30	5.79	.983	6.48	3.76	7
50	5.62	1.035	6.50	3.82	7
75	5.09	1.481	6.46	3.44	6
100	4.60	1.760	5.95	2.61	3
125	4.80	.827	5.39	4.22	2
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1489	8.0	1507	1473	211
1488	6.9	1503	1473	211
1485	5.1	1501	1474	211
1483	3.8	1493	1474	211
1482	3.3	1494	1477	211
1482	3.1	1495	1476	207
1481	3.3	1495	1477	127
1482	2.8	1488	1478	20
1480	1.6	1483	1478	10
1480	1.8	1483	1478	8
1480	2.1	1481	1478	2

Table 9. As in Table 5, for Station 2 (P02).

Table 9 : STATION MP02 J A N U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.37	.984	9.95	6.70	15
10	8.50	.896	9.95	6.88	15
20	8.70	.976	10.25	6.88	15
30	8.84	.972	10.19	6.90	15
50	8.98	.869	10.25	7.16	15
75	8.93	.847	9.87	7.27	14
100	8.35	.851	9.80	7.24	7
125	8.78	1.039	9.51	8.04	2
150	7.37	n/a	n/a	n/a	1
175	7.72	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.512	.6199	32.205	30.388	15
31.584	.5607	32.209	30.423	15
31.730	.4520	32.310	31.080	15
31.881	.3935	32.346	31.100	15
32.248	.3724	32.6	31.818	15
32.651	.2505	33.236	32.140	14
33.118	.2876	33.516	32.660	7
33.340	.1432	33.441	33.239	2
33.573	n/a	n/a	n/a	1
33.702	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.505	.4663	25.248	23.542	15
10	24.543	.4125	25.256	23.691	15
20	24.626	.3142	25.264	24.041	15
30	24.723	.2636	25.276	24.290	15
50	24.989	.2211	25.408	24.619	15
75	25.312	.2713	25.874	24.876	14
100	25.765	.2499	26.072	25.340	7
125	25.875	.2736	26.068	25.681	2
150	26.196	n/a	n/a	n/a	1
175	26.318	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
343.8	44.46	435.7	273.0	15
340.3	39.30	421.5	272.4	15
332.6	29.90	388.3	271.8	15
323.5	25.10	364.7	270.7	15
298.6	21.07	333.8	258.5	15
268.2	25.85	309.7	214.8	14
225.5	23.77	266.2	196.5	7
215.7	26.16	234.2	197.2	2
185.4	n/a	n/a	n/a	1
174.2	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.37	.984	9.95	6.70	15
10	8.50	.896	9.95	6.88	15
20	8.70	.976	10.25	6.88	15
30	8.84	.972	10.19	6.89	15
50	8.97	.868	10.24	7.15	15
75	8.92	.848	9.87	7.26	14
100	8.34	.851	9.79	7.23	7
125	8.76	1.039	9.50	8.03	2
150	7.85	n/a	n/a	n/a	1
175	7.70	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
343.8	44.46	435.7	273.0	15
340.2	39.31	421.4	272.3	15
332.5	29.92	388.0	271.3	15
323.0	25.18	364.2	270.3	15
297.7	21.05	332.9	257.8	15
266.8	25.81	308.3	213.4	14
223.8	23.77	264.2	194.6	7
213.3	25.95	231.7	195.0	2
182.7	n/a	n/a	n/a	1
171.1	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	15
10	.344	.0419	.430	.270	15
20	.681	.0774	.840	.540	15
30	1.011	.1013	1.210	.820	15
50	1.636	.1436	1.910	1.350	15
75	2.339	.1819	2.660	1.970	14
100	2.910	.2371	3.260	2.580	7
125	3.415	.3465	3.660	3.170	2
150	3.650	n/a	n/a	n/a	1
175	4.100	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	15
.02	.003	.02	.01	15
.07	.006	.08	.06	15
.15	.015	.18	.12	15
.41	.033	.46	.34	15
.86	.062	.95	.74	14
1.39	.120	1.56	1.22	7
2.00	.290	2.21	1.80	2
2.47	n/a	n/a	n/a	1
3.22	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1480	4.1	1486	1473	15
1481	3.7	1487	1475	15
1482	4.0	1488	1475	15
1483	4.1	1488	1475	15
1484	3.5	1489	1477	15
1485	3.2	1488	1478	14
1483	3.4	1489	1479	7
1486	3.5	1488	1483	2
1483	n/a	n/a	n/a	1
1483	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

STATION MP02 F E B R U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.26	1.051	10.10	6.47	17
10	8.28	1.047	10.11	6.47	17
20	8.31	1.029	10.12	6.65	17
30	8.37	.998	10.23	6.77	17
50	8.48	.924	10.46	7.04	17
75	8.53	.829	10.44	7.39	17
100	8.33	.897	10.22	7.42	10
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.574	1.1414	32.570	28.760	17
31.646	1.0501	32.570	28.760	17
31.898	.6562	32.600	30.150	17
32.040	.5505	32.608	30.320	17
32.292	.4955	32.740	30.535	17
32.563	.5592	33.142	30.649	17
33.087	.2870	33.454	32.670	10
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.568	.8464	25.349	22.478	17
10	24.623	.7800	25.376	22.468	17
20	24.815	.4807	25.413	23.451	17
30	24.918	.4089	25.411	23.580	17
50	25.099	.3869	25.489	23.766	17
75	25.320	.4463	25.761	23.863	17
100	25.744	.3267	26.157	25.253	10
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
337.8	80.73	537.3	263.5	17
332.8	74.37	538.3	261.0	17
314.6	45.78	444.5	257.6	17
305.0	38.94	432.4	258.0	17
288.1	36.84	414.9	250.9	17
267.4	42.47	406.9	235.5	17
227.5	31.15	274.5	188.2	10
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.26	1.051	10.10	6.47	17
10	8.28	1.047	10.11	6.47	17
20	8.31	1.029	10.12	6.65	17
30	8.37	.996	10.22	6.77	17
50	8.47	.921	10.45	7.04	17
75	8.52	.828	10.43	7.39	17
100	8.32	.897	10.21	7.41	10
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
337.8	80.73	537.3	263.5	17
332.6	74.38	538.3	260.9	17
314.3	45.81	444.3	257.3	17
304.5	38.96	432.0	257.5	17
287.2	36.85	414.2	250.1	17
266.1	42.51	405.0	234.1	17
225.8	31.03	272.4	186.6	10
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	17
10	.336	.0798	.540	.260	17
20	.661	.1356	.980	.520	17
30	.971	.1720	1.350	.780	17
50	1.565	.2321	2.190	1.290	17
75	2.258	.3145	3.210	1.900	17
100	2.810	.2379	3.170	2.510	10
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	17
.02	.006	.03	.01	17
.07	.013	.09	.05	17
.15	.023	.21	.12	17
.39	.051	.55	.33	17
.83	.109	1.20	.72	17
1.34	.092	1.49	1.23	10
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1480	4.8	1487	1473	17
1480	4.7	1487	1473	17
1480	4.4	1488	1474	17
1481	4.2	1488	1474	17
1482	3.6	1490	1477	17
1483	3.2	1490	1479	17
1483	3.2	1490	1480	10
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP02 M A R C H 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.72	.973	10.81	7.41	27
10	8.62	.947	10.81	7.40	27
20	8.56	.963	10.83	7.40	27
30	8.69	.863	10.83	7.64	27
50	8.81	.770	10.88	7.58	27
75	8.68	.828	10.86	7.56	25
100	8.58	.985	10.73	7.47	16
125	7.88	.869	9.24	6.92	7
150	6.89	.255	7.15	6.64	3
175	6.39	.205	6.54	6.25	2
200	6.19	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
31.605	.6976	32.574	29.300	27
31.671	.6703	32.574	29.608	27
31.868	.6090	32.591	30.027	27
32.151	.4363	32.700	30.541	27
32.543	.2659	32.913	31.808	27
32.917	.3842	33.562	32.370	25
33.318	.3875	33.672	32.588	16
33.606	.3507	33.908	32.939	7
33.917	.0307	33.948	33.887	3
33.970	.0068	33.979	33.961	2
33.986	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.525	.5441	24.972	22.617	27
10	24.593	.4892	25.070	23.073	27
20	24.755	.4379	25.360	23.404	27
30	24.958	.3285	25.455	23.593	27
50	25.246	.2441	25.590	24.733	27
75	25.558	.3854	26.195	24.988	25
100	25.885	.4534	26.316	24.995	16
125	26.218	.3993	26.593	25.491	7
150	26.603	.0587	26.661	26.544	3
175	26.710	.0369	26.737	26.684	2
200	26.750	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
341.9	51.89	524.0	299.3	27
335.6	46.62	480.5	290.2	27
320.3	41.73	449.2	262.7	27
301.2	31.28	431.2	253.9	27
274.1	23.25	322.8	241.4	27
244.9	36.71	299.3	184.2	25
214.2	43.21	299.1	173.1	16
182.9	38.08	252.2	147.1	7
146.5	5.65	152.2	140.9	3
136.6	3.61	139.1	134.0	2
133.0	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.72	.973	10.81	7.41	27
10	8.62	.947	10.81	7.40	27
20	8.56	.963	10.83	7.40	27
30	8.69	.863	10.83	7.64	27
50	8.80	.769	10.87	7.58	27
75	8.67	.828	10.85	7.55	25
100	8.57	.985	10.72	7.46	16
125	7.86	.867	9.22	6.90	7
150	6.88	.255	7.14	6.63	3
175	6.38	.212	6.53	6.23	2
200	6.17	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
341.9	51.89	524.0	299.3	27
335.4	46.64	480.4	290.0	27
319.9	41.73	448.8	262.4	27
300.6	31.30	430.7	253.3	27
273.2	23.22	322.0	240.5	27
243.5	36.64	297.6	182.9	25
212.3	43.07	296.9	171.4	16
180.7	37.90	249.7	145.1	7
144.1	5.55	149.7	138.6	3
133.9	3.54	136.4	131.4	2
130.2	n/a	n/a	n/a	1

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	27
10	.341	.0479	.500	.300	27
20	.670	.0913	.970	.590	27
30	.980	.1228	1.360	.860	27
50	1.554	.1589	2.080	1.360	27
75	2.210	.2149	2.850	1.950	25
100	2.812	.2940	3.490	2.470	16
125	3.110	.2314	3.500	2.910	7
150	3.327	.0379	3.370	3.300	3
175	3.695	.0354	3.720	3.670	2
200	4.050	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D	MAX	MIN	N
.00	.000	.00	.00	27
.02	.002	.03	.02	27
.07	.010	.10	.06	27
.15	.018	.21	.12	27
.38	.034	.50	.33	27
.80	.075	.98	.69	25
1.31	.151	1.55	1.13	16
1.78	.224	2.16	1.63	7
2.19	.061	2.24	2.12	3
2.80	.014	2.81	2.79	2
3.44	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.63	.071	6.71	6.56	4
10	6.63	.070	6.72	6.56	4
20	6.50	.083	6.59	6.40	4
30	6.34	.108	6.48	6.22	4
50	6.37	.165	6.50	6.13	4
75	6.41	.042	6.46	6.38	3
100	5.59	.502	5.95	5.24	2
125	4.80	.827	5.39	4.22	2
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1481	3.8	1490	1477	27
1481	4.0	1490	1476	27
1481	4.0	1491	1475	27
1482	3.4	1491	1478	27
1484	2.9	1491	1478	27
1484	2.9	1492	1480	25
1485	3.3	1492	1481	16
1483	3.0	1487	1479	7
1480	1.0	1481	1479	3
1479	.7	1479	1478	2
1478	n/a	n/a	n/a	1

STATION MP02 A P R I L 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.55	.662	9.67	7.62	9
10	8.50	.711	9.60	7.34	9
20	8.44	.663	9.36	7.45	9
30	8.35	.690	9.53	7.42	9
50	8.21	.801	9.92	7.40	9
75	8.09	.749	9.75	7.30	9
100	7.46	.416	8.18	6.94	6
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.354	.5413	32.150	30.590	9
31.487	.4564	32.250	31.060	9
31.772	.4795	32.580	31.060	9
32.069	.3700	32.600	31.380	9
32.495	.1913	32.748	32.110	9
32.850	.2892	33.281	32.497	9
33.512	.3292	33.793	32.898	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.358	.4159	25.000	23.864	9
10	24.470	.3756	25.109	23.970	9
20	24.702	.4069	25.343	24.008	9
30	24.946	.3145	25.365	24.231	9
50	25.299	.2031	25.528	24.922	9
75	25.594	.2865	26.010	25.064	9
100	26.206	.2798	26.499	25.741	6
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
357.8	39.63	404.9	296.7	9
347.3	35.77	394.9	286.4	9
325.3	38.77	391.5	264.3	9
302.3	29.96	370.5	262.4	9
269.0	19.35	305.0	247.2	9
241.4	27.28	292.0	201.8	9
183.5	26.57	227.6	155.7	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.55	.662	9.67	7.62	9
10	8.50	.711	9.60	7.34	9
20	8.44	.663	9.36	7.45	9
30	8.35	.690	9.53	7.42	9
50	8.20	.797	9.91	7.40	9
75	8.09	.751	9.75	7.29	9
100	7.45	.416	8.17	6.93	6
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
357.8	39.65	404.9	296.6	9
347.1	35.76	394.7	286.3	9
325.0	38.76	391.1	264.0	9
301.8	29.94	369.9	261.9	9
268.1	19.31	304.0	246.4	9
240.1	27.22	290.5	200.6	9
181.9	26.55	226.0	154.1	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	9
10	.357	.0364	.400	.300	9
20	.691	.0720	.790	.570	9
30	1.006	.0986	1.180	.840	9
50	1.576	.1291	1.820	1.360	9
75	2.217	.1743	2.560	1.970	9
100	2.673	.1679	2.880	2.470	6
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	9
.02	.000	.02	.02	9
.07	.007	.08	.06	9
.15	.016	.18	.13	9
.38	.028	.44	.34	9
.79	.058	.91	.73	9
1.23	.071	1.32	1.16	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1480	2.7	1484	1476	9
1480	3.0	1484	1475	9
1481	2.6	1483	1476	9
1481	2.8	1485	1477	9
1481	3.1	1488	1478	9
1482	2.6	1487	1478	9
1481	1.5	1483	1479	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP02 M A Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.76	1.046	12.74	8.84	38
10	10.27	.993	12.39	7.99	38
20	9.38	1.000	11.60	7.85	38
30	8.64	.791	10.64	7.44	38
50	8.06	.664	9.98	7.16	38
75	7.82	.533	9.47	6.89	38
100	7.38	.457	8.71	6.74	22
125	7.32	n/a	n/a	n/a	1
150	7.03	n/a	n/a	n/a	1
175	6.61	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.340	.6421	32.261	29.721	38
31.437	.5993	32.261	29.739	38
31.884	.3799	32.440	30.404	38
32.200	.3177	32.690	30.894	38
32.614	.2847	33.110	31.769	38
33.139	.3520	33.742	32.369	38
33.610	.2210	33.932	33.152	22
33.842	n/a	n/a	n/a	1
33.893	n/a	n/a	n/a	1
33.931	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.991	.5716	24.973	22.570	38
10	24.149	.5444	24.991	22.636	38
20	24.641	.3726	25.256	23.505	38
30	25.004	.3136	25.493	23.950	38
50	25.415	.2934	25.886	24.585	38
75	25.861	.3318	26.466	25.114	38
100	26.294	.2237	26.618	25.740	22
125	26.486	n/a	n/a	n/a	1
150	26.565	n/a	n/a	n/a	1
175	26.652	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
392.8	54.53	528.5	299.3	38
377.9	51.94	522.4	297.6	38
331.2	35.52	439.4	272.6	38
296.7	29.88	397.2	250.3	38
258.0	27.94	337.0	213.2	38
216.0	31.57	287.2	158.4	38
175.2	21.30	228.0	144.3	22
157.4	n/a	n/a	n/a	1
150.2	n/a	n/a	n/a	1
142.1	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.76	1.046	12.74	8.84	38
10	10.27	.993	12.39	7.99	38
20	9.38	1.000	11.60	7.85	38
30	8.64	.791	10.64	7.44	38
50	8.06	.661	9.97	7.16	38
75	7.81	.533	9.46	6.88	38
100	7.37	.457	8.70	6.73	22
125	7.31	n/a	n/a	n/a	1
150	7.02	n/a	n/a	n/a	1
175	6.59	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
392.8	54.53	528.5	299.3	38
377.7	51.93	522.2	297.5	38
330.8	35.49	439.1	272.3	38
296.2	29.85	396.7	249.8	38
257.1	27.90	336.1	212.4	38
214.7	31.53	285.7	157.3	38
173.5	21.23	226.1	142.8	22
155.3	n/a	n/a	n/a	1
147.7	n/a	n/a	n/a	1
139.5	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	38
10	.387	.0534	.530	.300	38
20	.743	.0923	.980	.600	38
30	1.058	.1149	1.340	.890	38
50	1.609	.1589	2.070	1.380	38
75	2.205	.2207	2.860	1.850	38
100	2.758	.3067	3.490	2.350	22
125	2.890	n/a	n/a	n/a	1
150	3.280	n/a	n/a	n/a	1
175	3.640	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	38
.02	.002	.03	.02	38
.07	.008	.09	.06	38
.15	.015	.20	.13	38
.38	.037	.50	.32	38
.76	.078	.99	.62	38
1.22	.142	1.55	1.00	22
1.60	n/a	n/a	n/a	1
2.13	n/a	n/a	n/a	1
2.74	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.13	.191	7.27	7.00	2
10	7.13	.212	7.28	6.98	2
20	6.28	.354	6.53	6.03	2
30	5.73	.658	6.19	5.26	2
50	5.01	.290	5.21	4.80	2
75	3.86	.587	4.27	3.44	2
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1488	3.7	1495	1482	38
1487	3.5	1494	1478	38
1484	3.6	1492	1479	38
1482	2.9	1490	1478	38
1481	2.4	1488	1478	38
1481	1.8	1486	1478	38
1480	1.6	1485	1478	22
1481	n/a	n/a	n/a	1
1480	n/a	n/a	n/a	1
1479	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.51	.984	14.78	10.53	18
10	11.86	.836	13.72	10.45	18
20	9.63	.998	11.34	7.96	18
30	8.59	1.021	10.32	7.06	18
50	7.86	.686	9.39	6.90	18
75	7.36	.414	8.42	6.80	18
100	6.99	.482	7.60	6.35	8
125	6.93	n/a	n/a	n/a	1
150	6.56	n/a	n/a	n/a	1
175	6.24	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.655	.3235	32.150	31.200	18
31.792	.3105	32.320	31.250	18
32.124	.3121	32.740	31.640	18
32.424	.3386	33.050	31.900	18
32.889	.3083	33.476	32.292	18
33.413	.2937	33.846	32.575	18
33.755	.1617	33.936	33.442	8
33.867	n/a	n/a	n/a	1
33.937	n/a	n/a	n/a	1
33.961	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.921	.3496	24.400	23.180	18
10	24.147	.3226	24.772	23.625	18
20	24.789	.3619	25.476	24.367	18
30	25.186	.3970	25.858	24.597	18
50	25.660	.3318	26.243	24.963	18
75	26.142	.2748	26.560	25.421	18
100	26.462	.1789	26.686	26.174	8
125	26.559	n/a	n/a	n/a	1
150	26.663	n/a	n/a	n/a	1
175	26.724	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
399.5	33.34	470.2	353.8	18
378.1	30.78	428.0	318.6	18
317.2	34.46	357.3	251.7	18
279.5	37.82	335.6	215.5	18
234.7	31.58	301.1	179.2	18
189.2	26.13	257.7	149.5	18
159.2	17.05	186.5	137.8	8
150.4	n/a	n/a	n/a	1
140.7	n/a	n/a	n/a	1
135.2	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.51	.984	14.78	10.53	18
10	11.86	.836	13.72	10.45	18
20	9.63	.997	11.33	7.96	18
30	8.59	1.021	10.32	7.06	18
50	7.85	.683	9.38	6.90	18
75	7.35	.413	8.41	6.79	18
100	6.98	.482	7.59	6.34	8
125	6.92	n/a	n/a	n/a	1
150	6.55	n/a	n/a	n/a	1
175	6.22	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
399.5	33.34	470.2	353.8	18
377.9	30.76	427.7	318.3	18
316.8	34.43	356.9	251.4	18
279.0	37.78	335.0	215.0	18
233.8	31.52	300.1	178.4	18
188.0	26.10	256.5	148.3	18
157.6	16.99	184.9	136.3	8
148.4	n/a	n/a	n/a	1
138.4	n/a	n/a	n/a	1
132.7	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	18
10	.394	.0315	.450	.340	18
20	.743	.0573	.840	.630	18
30	1.041	.0844	1.150	.860	18
50	1.556	.1437	1.740	1.250	18
75	2.084	.2046	2.430	1.660	18
100	2.585	.3125	3.030	2.080	8
125	3.250	n/a	n/a	n/a	1
150	3.610	n/a	n/a	n/a	1
175	3.950	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	18
.02	.000	.02	.02	18
.07	.007	.08	.06	18
.15	.015	.17	.12	18
.36	.039	.42	.28	18
.69	.080	.86	.54	18
1.13	.163	1.39	.89	8
1.70	n/a	n/a	n/a	1
2.20	n/a	n/a	n/a	1
2.78	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1495	3.2	1502	1488	18
1493	2.7	1499	1488	18
1486	3.4	1492	1480	18
1482	3.5	1488	1477	18
1481	2.3	1485	1477	18
1480	1.2	1483	1478	18
1479	1.6	1481	1477	8
1479	n/a	n/a	n/a	1
1478	n/a	n/a	n/a	1
1478	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

STATION MP02 J U L Y 1956 to 1998

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.58	1.320	15.62	11.17	16
10	12.75	1.144	14.37	10.96	16
20	10.54	1.157	12.50	8.82	16
30	9.15	.844	11.10	7.95	16
50	7.91	.301	8.50	7.35	16
75	7.48	.347	7.99	6.98	15
100	7.03	.345	7.72	6.63	11
125	7.03	.310	7.33	6.71	3
150	6.74	.537	7.12	6.36	2
175	6.26	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.520	.8852	32.150	28.433	16
31.794	.3382	32.159	30.919	16
32.172	.2251	32.820	31.638	16
32.435	.2715	32.880	31.855	16
32.887	.2389	33.220	32.530	16
33.331	.2005	33.606	32.961	15
33.712	.1488	33.910	33.440	11
33.770	.0568	33.809	33.705	3
33.910	.0479	33.943	33.876	2
33.967	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.606	.8260	24.491	20.823	16
10	23.980	.3553	24.491	23.085	16
20	24.673	.3277	25.130	23.913	16
30	25.109	.3166	25.506	24.337	16
50	25.653	.2095	25.945	25.300	16
75	26.062	.1845	26.287	25.699	15
100	26.423	.1525	26.629	26.113	11
125	26.468	.0602	26.533	26.414	3
150	26.617	.1088	26.694	26.540	2
175	26.726	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
429.6	78.99	695.9	345.2	16
394.1	33.91	479.5	345.3	16
328.2	31.25	400.7	284.6	16
286.8	30.17	360.5	249.0	16
235.3	19.90	268.9	207.6	16
196.8	17.55	231.4	175.4	15
162.9	14.51	192.4	143.3	11
158.9	5.77	164.1	152.7	3
145.2	10.54	152.6	137.7	2
135.0	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.58	1.320	15.62	11.17	16
10	12.75	1.144	14.37	10.96	16
20	10.54	1.157	12.50	8.82	16
30	9.15	.845	11.10	7.95	16
50	7.90	.297	8.49	7.35	16
75	7.47	.347	7.98	6.97	15
100	7.02	.345	7.71	6.62	11
125	7.02	.306	7.31	6.70	3
150	6.73	.537	7.11	6.35	2
175	6.24	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
429.6	78.99	695.9	345.2	16
393.8	33.89	479.2	345.1	16
327.8	31.22	400.2	284.2	16
286.3	30.14	359.8	248.5	16
234.5	19.91	268.0	206.8	16
195.6	17.53	230.1	174.2	15
161.3	14.48	190.7	141.7	11
156.9	5.71	162.1	150.8	3
142.8	10.39	150.2	135.5	2
132.5	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	16
10	.420	.0657	.640	.350	16
20	.779	.0817	1.040	.690	16
30	1.086	.0928	1.360	1.020	16
50	1.605	.1035	1.840	1.490	16
75	2.141	.1370	2.450	1.970	15
100	2.607	.1866	2.940	2.370	11
125	3.017	.1102	3.130	2.910	3
150	3.450	.0707	3.500	3.400	2
175	3.840	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	16
.02	.003	.03	.02	16
.08	.007	.09	.07	16
.15	.011	.18	.14	16
.36	.026	.43	.32	16
.70	.052	.81	.63	15
1.11	.096	1.25	.98	11
1.62	.075	1.70	1.55	3
2.19	.042	2.22	2.16	2
2.78	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1498	4.1	1504	1491	16
1496	3.8	1501	1490	16
1489	4.1	1496	1483	16
1484	3.0	1491	1480	16
1481	1.0	1482	1478	16
1480	1.3	1482	1478	15
1479	1.1	1481	1478	11
1480	1.5	1481	1478	3
1479	1.4	1480	1478	2
1478	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

STATION MP02 A U G U S T 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.65	1.235	16.26	11.82	23
10	12.25	1.377	14.78	9.31	23
20	9.96	1.562	13.92	7.97	23
30	8.76	1.057	11.38	6.70	23
50	7.83	.626	9.32	6.79	23
75	7.44	.566	9.05	6.44	23
100	7.11	.485	8.34	6.36	17
125	6.48	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.722	.4740	32.221	30.131	23
31.959	.3411	32.610	31.360	23
32.310	.3487	32.760	31.684	23
32.585	.3242	33.078	31.936	23
32.980	.2859	33.394	32.393	23
33.385	.3103	33.803	32.549	23
33.690	.2589	33.990	32.968	17
33.924	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.746	.4749	24.332	22.499	23
10	24.200	.4395	25.223	23.390	23
20	24.873	.5029	25.537	23.669	23
30	25.284	.3952	25.738	24.350	23
50	25.735	.2961	26.105	25.079	23
75	26.108	.3105	26.574	25.301	23
100	26.394	.2552	26.731	25.805	17
125	26.664	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
416.2	45.34	535.3	360.3	23
373.1	41.91	450.4	275.6	23
309.1	47.94	424.0	245.9	23
270.2	37.67	359.2	227.0	23
227.6	28.19	290.0	192.3	23
192.5	29.53	269.3	148.1	23
165.6	24.30	221.6	133.5	17
140.3	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.65	1.235	16.26	11.82	23
10	12.25	1.377	14.78	9.31	23
20	9.96	1.562	13.92	7.97	23
30	8.76	1.057	11.38	6.70	23
50	7.83	.622	9.31	6.79	23
75	7.43	.565	9.04	6.43	23
100	7.10	.485	8.33	6.35	17
125	6.47	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
416.2	45.34	535.3	360.3	23
372.9	41.88	450.1	275.4	23
308.7	47.89	423.4	245.5	23
269.6	37.62	358.5	226.5	23
226.7	28.16	289.1	191.5	23
191.2	29.49	267.9	147.0	23
164.0	24.24	220.0	132.0	17
138.4	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	23
10	.400	.0435	.480	.300	23
20	.741	.0801	.900	.570	23
30	1.030	.1193	1.260	.810	23
50	1.525	.1780	1.870	1.220	23
75	2.048	.2373	2.550	1.670	23
100	2.529	.3206	3.170	2.030	17
125	2.770	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	23
.02	.002	.02	.01	23
.07	.009	.09	.06	23
.15	.020	.18	.12	23
.35	.044	.44	.29	23
.68	.084	.88	.57	23
1.09	.152	1.43	.89	17
1.45	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.78	n/a	n/a	n/a	1
10	6.44	n/a	n/a	n/a	1
20	5.60	n/a	n/a	n/a	1
30	3.76	n/a	n/a	n/a	1
50	3.82	n/a	n/a	n/a	1
75	3.57	n/a	n/a	n/a	1
100	2.61	n/a	n/a	n/a	1
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1499	4.0	1507	1493	23
1495	4.6	1503	1485	23
1487	5.4	1500	1480	23
1483	3.7	1492	1475	23
1480	2.2	1485	1477	23
1480	1.9	1485	1476	23
1479	1.6	1483	1477	17
1478	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP02 S E P T E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.78	1.148	14.77	11.17	19
10	11.86	1.225	14.36	10.47	19
20	10.51	1.649	13.98	8.42	19
30	8.98	.845	11.25	7.82	19
50	7.87	.338	8.49	7.36	19
75	7.30	.294	7.69	6.78	19
100	6.95	.257	7.31	6.39	13
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SALINITY

PRESS	MEAN	S.D.	MAX	MIN	N
0	31.831	.4144	32.426	31.100	19
10	31.915	.3867	32.417	31.200	19
20	32.287	.3415	32.840	31.689	19
30	32.620	.2950	33.040	32.000	19
50	33.051	.2637	33.353	32.516	19
75	33.474	.2240	33.763	32.940	19
100	33.804	.0861	33.919	33.604	13
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.003	.4029	24.633	23.322	19
10	24.239	.3214	24.767	23.762	19
20	24.762	.4730	25.512	23.997	19
30	25.279	.3042	25.746	24.794	19
50	25.785	.2311	26.034	25.360	19
75	26.199	.1863	26.455	25.773	19
100	26.507	.0831	26.664	26.363	13
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SVA

PRESS	MEAN	S.D.	MAX	MIN	N
0	391.7	38.42	456.6	331.6	19
10	369.4	30.63	414.8	319.0	19
20	319.7	45.08	392.7	248.3	19
30	270.7	28.98	316.9	226.2	19
50	222.8	21.96	263.1	199.3	19
75	183.8	17.68	224.2	159.5	19
100	154.9	7.90	168.5	139.9	13
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.78	1.148	14.77	11.17	19
10	11.86	1.225	14.36	10.47	19
20	10.51	1.649	13.98	8.42	19
30	8.98	.845	11.25	7.82	19
50	7.87	.336	8.49	7.36	19
75	7.29	.294	7.68	6.77	19
100	6.94	.257	7.30	6.38	13
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SVA (THETA)

PRESS	MEAN	S.D.	MAX	MIN	N
0	391.7	38.42	456.6	331.6	19
10	369.1	30.63	414.6	318.8	19
20	319.3	45.02	392.1	247.9	19
30	270.1	28.95	316.2	225.7	19
50	221.9	21.96	262.3	198.3	19
75	182.6	17.69	223.0	158.3	19
100	153.3	7.89	167.0	138.4	13
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	19
10	.385	.0332	.440	.330	19
20	.733	.0666	.820	.630	19
30	1.027	.1023	1.170	.870	19
50	1.515	.1460	1.730	1.310	19
75	2.023	.1853	2.310	1.770	19
100	2.389	.1752	2.680	2.140	13
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

POT. ENERGY

PRESS	MEAN	S.D.	MAX	MIN	N
0	.00	.000	.00	.00	19
10	.02	.000	.02	.02	19
20	.07	.007	.08	.06	19
30	.15	.017	.17	.12	19
50	.34	.035	.40	.30	19
75	.67	.062	.77	.58	19
100	1.02	.073	1.14	.90	13
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SOUND

PRESS	MEAN	S.D.	MAX	MIN	N
0	1496	3.9	1503	1490	19
10	1493	4.5	1502	1488	19
20	1489	5.7	1501	1482	19
30	1484	3.0	1492	1480	19
50	1481	1.2	1483	1479	19
75	1479	1.1	1481	1478	19
100	1479	1.0	1480	1477	13
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

STATION MP02 O C T O B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.33	1.201	12.87	9.40	10
10	10.92	1.285	12.87	9.40	10
20	10.00	1.355	12.78	8.64	10
30	9.27	1.186	11.48	8.06	10
50	8.08	.601	9.41	7.58	10
75	7.44	.383	8.33	7.05	10
100	7.16	.223	7.49	6.97	5
125	7.13	.113	7.21	7.05	2
150	7.06	n/a	n/a	n/a	1
175	6.94	n/a	n/a	n/a	1
200	6.94	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.096	.5463	32.870	31.185	10
32.192	.4565	32.865	31.225	10
32.451	.3201	33.032	31.894	10
32.644	.2799	33.153	32.201	10
33.058	.3173	33.524	32.542	10
33.484	.2385	33.755	33.146	10
33.779	.0485	33.834	33.711	5
33.874	.0439	33.906	33.843	2
33.935	n/a	n/a	n/a	1
33.948	n/a	n/a	n/a	1
33.947	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.475	.4343	24.950	23.671	10
10	24.622	.4270	25.202	23.715	10
20	24.979	.4011	25.601	24.279	10
30	25.250	.3703	25.797	24.612	10
50	25.760	.3240	26.190	25.154	10
75	26.187	.2533	26.433	25.841	10
100	26.457	.0514	26.509	26.388	5
125	26.536	.0186	26.550	26.523	2
150	26.594	n/a	n/a	n/a	1
175	26.621	n/a	n/a	n/a	1
200	26.620	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
346.7	41.37	423.3	301.5	10
332.9	40.72	419.4	277.6	10
299.1	38.23	365.7	239.8	10
273.4	35.29	334.2	221.4	10
225.2	30.83	282.9	184.3	10
185.0	21.23	218.0	161.6	10
159.7	4.93	166.3	154.7	5
152.5	1.84	153.8	151.2	2
147.4	n/a	n/a	n/a	1
145.2	n/a	n/a	n/a	1
145.7	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.33	1.201	12.87	9.40	10
10	10.92	1.285	12.87	9.40	10
20	10.00	1.355	12.78	8.64	10
30	9.27	1.184	11.47	8.06	10
50	8.07	.598	9.40	7.58	10
75	7.43	.383	8.32	7.04	10
100	7.15	.223	7.48	6.96	5
125	7.12	.113	7.20	7.04	2
150	7.05	n/a	n/a	n/a	1
175	6.92	n/a	n/a	n/a	1
200	6.92	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
346.7	41.37	423.3	301.5	10
332.7	40.69	419.1	277.4	10
298.6	38.21	365.3	239.4	10
272.8	35.25	333.6	220.8	10
224.3	30.78	281.9	183.5	10
183.8	21.19	216.6	160.4	10
158.0	4.88	164.6	153.1	5
150.4	1.77	151.7	149.2	2
145.0	n/a	n/a	n/a	1
142.4	n/a	n/a	n/a	1
142.5	n/a	n/a	n/a	1

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	10
10	.342	.0416	.420	.280	10
20	.663	.0748	.820	.550	10
30	.947	.1098	1.170	.770	10
50	1.443	.1765	1.800	1.170	10
75	1.950	.2318	2.400	1.600	10
100	2.222	.1594	2.440	2.000	5
125	2.705	.1768	2.830	2.580	2
150	3.200	n/a	n/a	n/a	1
175	3.570	n/a	n/a	n/a	1
200	3.930	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	10
.02	.003	.02	.01	10
.06	.008	.08	.05	10
.14	.017	.17	.11	10
.34	.043	.42	.27	10
.66	.081	.81	.55	10
.98	.067	1.07	.90	5
1.44	.092	1.51	1.38	2
2.03	n/a	n/a	n/a	1
2.64	n/a	n/a	n/a	1
3.33	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1491	4.4	1497	1485	10
1490	4.6	1497	1484	10
1487	4.7	1497	1482	10
1485	4.2	1493	1481	10
1481	2.9	1486	1480	10
1480	1.2	1483	1479	10
1480	.8	1481	1479	5
1480	.0	1480	1480	2
1480	n/a	n/a	n/a	1
1480	n/a	n/a	n/a	1
1481	n/a	n/a	n/a	1

STATION MP02 N O V E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.81	1.315	11.39	8.08	8
10	9.80	1.317	11.39	8.07	8
20	9.79	1.292	11.40	8.07	8
30	9.69	1.250	11.46	8.10	8
50	9.45	1.186	11.43	7.86	8
75	8.68	.757	9.84	7.45	8
100	8.31	.872	9.68	6.77	8
125	7.57	.028	7.59	7.55	2
150	7.45	n/a	n/a	n/a	1
175	7.11	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.187	.0728	32.308	32.073	8
32.192	.0713	32.304	32.072	8
32.204	.0693	32.305	32.085	8
32.263	.1344	32.540	32.175	8
32.567	.2634	33.080	32.234	8
33.010	.1959	33.324	32.846	8
33.275	.2663	33.766	32.900	8
33.679	.0529	33.716	33.642	2
33.843	n/a	n/a	n/a	1
33.917	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.806	.1920	25.087	24.548	8
10	24.811	.1918	25.089	24.549	8
20	24.821	.1878	25.089	24.548	8
30	24.901	.2154	25.164	24.552	8
50	25.162	.3803	25.811	24.571	8
75	25.631	.2471	26.060	25.404	8
100	25.894	.3310	26.501	25.509	8
125	26.321	.0462	26.354	26.289	2
150	26.467	n/a	n/a	n/a	1
175	26.572	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
315.2	18.28	339.7	288.4	8
314.9	18.28	339.8	288.3	8
314.0	17.93	340.1	288.4	8
306.6	20.58	340.0	281.6	8
282.1	36.28	338.5	220.3	8
238.0	53.59	259.7	197.0	8
213.3	31.60	250.2	155.4	8
173.0	4.38	176.1	169.9	2
159.5	n/a	n/a	n/a	1
149.9	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.81	1.315	11.39	8.08	8
10	9.80	1.317	11.39	8.07	8
20	9.79	1.292	11.40	8.07	8
30	9.69	1.250	11.46	8.10	8
50	9.44	1.184	11.42	7.86	8
75	8.67	.757	9.83	7.44	8
100	8.30	.872	9.67	6.76	8
125	7.56	.028	7.58	7.54	2
150	7.44	n/a	n/a	n/a	1
175	7.10	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
315.2	18.28	339.7	288.4	8
314.7	18.26	339.6	288.1	8
313.6	17.89	339.7	288.1	8
306.0	20.52	339.3	281.0	8
281.2	36.17	337.4	219.5	8
236.6	53.47	258.1	195.8	8
211.5	31.44	248.1	153.9	8
170.9	4.38	174.0	167.8	2
157.0	n/a	n/a	n/a	1
147.0	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	8
10	.315	.0193	.340	.290	8
20	.631	.0372	.680	.580	8
30	.943	.0512	1.020	.870	8
50	1.529	.0998	1.700	1.430	8
75	2.180	.1553	2.430	1.960	8
100	2.745	.2054	3.040	2.410	8
125	3.120	.0141	3.130	3.110	2
150	3.550	n/a	n/a	n/a	1
175	3.930	n/a	n/a	n/a	1
200	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	8
.02	.005	.02	.01	8
.07	.005	.07	.06	8
.14	.011	.16	.13	8
.38	.030	.43	.34	8
.79	.071	.89	.67	8
1.30	.122	1.45	1.07	8
1.81	.000	1.81	1.81	2
2.40	n/a	n/a	n/a	1
3.03	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1486	4.9	1492	1480	8
1486	4.9	1492	1480	8
1486	4.6	1492	1480	8
1486	4.8	1493	1480	8
1486	4.1	1493	1481	8
1484	2.6	1488	1480	8
1484	3.0	1488	1478	8
1482	.0	1482	1482	2
1482	n/a	n/a	n/a	1
1481	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

STATION MP02 D E C E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.24	.803	11.40	8.58	11
10	10.28	.847	11.63	8.62	11
20	10.27	.930	11.65	8.42	11
30	10.14	1.079	11.64	8.23	11
50	9.96	1.099	11.61	8.19	11
75	9.43	1.291	11.72	7.92	11
100	9.52	1.734	11.60	8.00	4
125	7.52	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.927	.3269	32.272	31.440	11
31.969	.2998	32.331	31.530	11
32.112	.1782	32.332	31.820	11
32.168	.1577	32.396	31.911	11
32.297	.1755	32.648	31.985	11
32.625	.2548	32.897	32.090	11
32.923	.2452	33.120	32.573	4
33.511	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.537	.2260	24.855	24.157	11
10	24.562	.2003	24.863	24.239	11
20	24.675	.1460	24.897	24.360	11
30	24.738	.1551	25.029	24.446	11
50	24.868	.2262	25.216	24.508	11
75	25.209	.3604	25.599	24.602	11
100	25.422	.4688	25.795	24.802	4
125	26.197	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
340.8	21.49	376.9	310.5	11
338.5	19.07	369.3	309.9	11
328.0	13.91	358.0	306.8	11
322.1	14.81	350.0	294.3	11
310.2	21.62	344.5	276.8	11
278.5	34.43	336.1	240.9	11
258.3	44.84	317.6	222.6	4
184.8	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.24	.803	11.40	8.58	11
10	10.28	.847	11.63	8.62	11
20	10.27	.930	11.65	8.42	11
30	10.14	1.079	11.64	8.23	11
50	9.96	1.099	11.60	8.18	11
75	9.42	1.290	11.71	7.91	11
100	9.51	1.734	11.59	7.99	4
125	7.51	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
340.8	21.49	376.9	310.5	11
338.5	19.07	369.1	309.7	11
327.6	13.90	357.6	306.4	11
321.5	14.76	349.3	293.8	11
309.2	21.55	343.4	276.0	11
276.7	34.27	334.4	239.6	11
256.3	44.52	315.2	220.9	4
182.7	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	11
10	.340	.0195	.370	.310	11
20	.674	.0347	.740	.620	11
30	.999	.0435	1.090	.930	11
50	1.635	.0699	1.780	1.550	11
75	2.374	.1322	2.640	2.200	11
100	3.010	.2146	3.310	2.810	4
125	3.330	n/a	n/a	n/a	1
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	11
.02	.000	.02	.02	11
.07	.003	.07	.06	11
.15	.004	.16	.14	11
.41	.020	.45	.38	11
.88	.062	.99	.80	11
1.47	.147	1.68	1.36	4
1.95	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1487	3.1	1492	1481	11
1488	3.3	1493	1481	11
1488	3.5	1493	1481	11
1488	3.9	1493	1481	11
1488	4.2	1494	1481	11
1486	4.7	1495	1481	11
1488	6.1	1495	1482	4
1481	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

Table 10. As in Table 6, for Station 2 (P02).

Table 10 : STATION MP02 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	11.78	3.013	14.26	7.60	4
22.80	10.99	3.909	14.11	7.61	5
23.00	10.53	3.808	13.96	7.41	7
23.20	11.38	3.006	15.52	7.45	10
23.40	11.83	2.511	14.86	7.49	23
23.60	11.64	2.043	14.36	7.45	36
23.80	11.70	1.871	14.65	7.49	59
24.00	11.33	1.785	14.04	7.53	77
24.20	10.97	1.461	13.49	7.35	98
24.40	10.48	1.356	12.73	7.37	126
24.60	10.00	1.127	12.40	7.45	147
24.80	9.53	.980	11.76	6.81	175
25.00	9.13	.791	11.55	6.87	197
25.20	8.74	.642	10.64	6.79	196
25.40	8.39	.563	9.96	7.07	190
25.60	8.13	.482	9.69	7.08	181
25.80	7.89	.415	9.24	6.74	163
26.00	7.67	.358	8.60	6.81	145
26.20	7.44	.302	8.12	6.75	128
26.40	7.15	.236	7.65	6.66	85
26.60	6.75	.152	7.02	6.40	24

SALINITY

MEAN	S.D.	MAX	MIN	N
29.896	.7067	30.500	28.966	4
30.040	.6975	30.887	29.260	5
30.150	.6653	31.117	29.441	7
30.596	.6817	31.520	29.734	10
30.914	.5929	31.800	29.963	23
31.107	.4773	31.924	30.211	36
31.372	.4359	32.118	30.470	59
31.537	.4059	32.184	30.722	77
31.703	.3263	32.279	30.987	98
31.844	.2891	32.363	31.196	126
31.987	.2439	32.507	31.467	147
32.134	.2048	32.620	31.609	175
32.301	.1617	32.671	31.874	197
32.475	.1264	32.865	32.113	196
32.664	.1085	32.975	32.416	190
32.867	.0909	33.175	32.675	181
33.078	.0757	33.339	32.889	163
33.291	.0648	33.466	33.137	145
33.504	.0540	33.630	33.380	128
33.706	.0413	33.794	33.619	85
33.890	.0257	33.936	33.830	24

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	7	4.3	11	1	4
22.80	8	3.8	11	3	5
23.00	9	3.9	12	4	7
23.20	9	5.2	16	1	10
23.40	10	5.0	19	1	23
23.60	10	5.6	32	0	36
23.80	10	7.7	56	0	59
24.00	11	8.7	91	1	77
24.20	14	10.9	98	1	98
24.40	14	7.1	38	1	126
24.60	16	7.9	43	0	147
24.80	20	10.3	74	2	175
25.00	26	13.7	99	3	197
25.20	32	15.6	83	0	196
25.40	40	18.3	91	9	190
25.60	49	20.4	110	13	181
25.80	58	20.4	121	20	163
26.00	64	19.6	130	27	145
26.20	72	17.0	132	35	128
26.40	85	16.2	150	45	85
26.60	93	19.2	188	63	24
	115	30.6	183	76	24

SVA

MEAN	S.D.	MAX	MIN	N
525.6	.21	525.8	525.4	4
506.3	.29	506.6	506.0	5
487.3	.37	487.6	486.7	7
468.2	.28	468.5	467.6	10
449.3	.22	449.5	448.6	23
430.2	.21	430.5	429.4	36
411.1	.22	411.7	410.1	59
392.1	.26	393.2	391.0	77
373.0	.22	373.4	372.1	98
354.0	.23	354.5	353.0	126
335.0	.26	336.3	334.0	147
316.1	.30	317.8	315.2	175
297.2	.30	298.5	296.5	197
278.3	.34	279.5	277.7	196
259.4	.36	260.7	258.8	190
240.5	.36	241.9	239.9	181
221.6	.35	223.0	221.0	163
202.7	.29	203.8	202.1	145
183.8	.38	185.0	183.2	128
165.0	.32	166.6	164.5	85
146.3	.49	147.4	145.6	24

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	11.78	3.013	14.26	7.60	4
22.80	10.99	3.909	14.11	7.61	5
23.00	10.53	3.808	13.96	7.41	7
23.20	11.38	3.006	15.52	7.45	10
23.40	11.82	2.510	14.85	7.49	23
23.60	11.64	2.043	14.36	7.44	36
23.80	11.69	1.871	14.65	7.49	59
24.00	11.33	1.785	14.04	7.53	77
24.20	10.97	1.461	13.49	7.35	98
24.40	10.48	1.356	12.73	7.37	126
24.60	10.00	1.127	12.40	7.45	147
24.80	9.53	.981	11.75	6.81	175
25.00	9.12	.791	11.55	6.87	197
25.20	8.73	.642	10.64	6.78	196
25.40	8.38	.565	9.94	7.07	190
25.60	8.12	.481	9.67	7.08	181
25.80	7.88	.411	9.22	6.74	163
26.00	7.66	.357	8.59	6.81	145
26.20	7.43	.301	8.11	6.74	128
26.40	7.14	.234	7.64	6.65	85
26.60	6.74	.151	7.01	6.40	24

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
519.8	9.52	525.3	505.6	4
495.9	12.68	505.9	474.6	5
480.3	10.91	487.0	456.1	7
462.0	7.77	467.7	442.9	10
444.9	7.41	449.2	416.2	23
426.2	7.29	430.1	387.6	36
407.5	5.98	411.0	369.0	59
388.8	5.01	391.9	355.4	77
370.0	4.41	372.8	344.6	98
351.4	3.43	353.8	335.8	126
332.9	2.58	334.9	329.6	147
314.5	1.81	315.6	309.6	175
295.8	1.16	296.7	293.9	197
277.1	.73	277.6	275.2	196
258.1	.62	258.6	254.3	190
239.1	.70	239.5	234.4	181
220.1	.75	220.5	216.8	163
201.2	.63	201.5	199.8	145
182.3	.47	182.7	180.1	128
163.5	.27	163.7	162.3	85
144.4	.12	144.5	144.0	24

STATION MP02 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

SIGMA -T	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	.385	.2493	.580	.050	4	.02	.015	.03	.00	4
22.80	.428	.2375	.610	.130	5	.02	.019	.04	.00	5
23.00	.494	.1837	.650	.220	7	.03	.016	.04	.00	7
23.20	.476	.2563	.770	.060	10	.03	.021	.06	.00	10
23.40	.461	.2732	.890	.030	23	.03	.028	.09	.00	23
23.60	.469	.3622	1.430	.000	36	.04	.056	.23	.00	36
23.80	.499	.3914	2.430	.000	59	.04	.094	.68	.00	59
24.00	.589	.4723	3.860	.030	77	.07	.200	1.55	.00	77
24.20	.583	.3195	1.650	.050	98	.05	.059	.31	.00	98
24.40	.647	.3385	1.830	.000	126	.06	.065	.38	.00	126
24.60	.770	.4032	2.610	.060	147	.10	.118	.97	.00	147
24.80	.954	.4888	3.290	.110	175	.16	.203	1.66	.00	175
25.00	1.102	.5337	3.800	.000	197	.21	.310	1.15	.00	197
25.20	1.351	.6006	3.100	.280	196	.32	.387	1.37	.01	196
25.40	1.580	.6407	3.250	.350	190	.43	.353	1.73	.02	190
25.60	1.784	.6279	3.570	.540	181	.54	.392	2.10	.05	181
25.80	1.933	.6042	3.800	.780	163	.63	.394	2.39	.10	163
25.90	2.080	.5344	3.590	.930	145	.72	.359	2.26	.16	145
26.00	2.244	.4897	3.720	1.170	128	.86	.377	2.35	.24	128
26.20	2.381	.4909	4.340	1.480	85	1.01	.474	3.66	.41	85
26.40	2.656	.6637	4.080	1.730	24	1.40	.741	3.30	.59	24

SIGMA -T	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	1491	11.8	1500	1474	4
22.80	n/a	n/a	n/a	n/a	0	1487	11.3	1499	1474	5
23.00	n/a	n/a	n/a	n/a	0	1486	11.3	1499	1473	7
23.20	6.99	n/a	n/a	n/a	1	1490	11.6	1505	1474	10
23.40	7.49	.721	8.00	6.98	2	1492	9.6	1503	1475	23
23.60	7.26	.275	7.53	6.98	3	1491	7.8	1501	1475	36
23.80	7.07	.237	7.21	6.80	3	1492	7.1	1503	1475	59
24.00	6.84	.171	6.98	6.65	3	1491	6.9	1501	1476	77
24.20	6.64	.133	6.79	6.53	3	1490	5.6	1499	1476	98
24.40	6.46	.159	6.64	6.36	3	1488	5.5	1497	1476	126
24.60	6.26	.206	6.50	6.13	3	1487	4.5	1496	1477	147
24.80	6.09	.388	6.56	5.66	4	1485	3.9	1495	1474	175
25.00	6.08	.491	6.61	5.57	7	1484	3.2	1493	1475	197
25.20	5.77	.673	6.49	4.92	5	1483	3.8	1490	1475	196
25.40	5.15	.603	5.77	4.53	5	1482	3.4	1489	1477	190
25.60	4.54	.698	5.22	3.77	4	1482	3.1	1489	1477	181
25.80	4.18	.483	4.77	3.78	4	1481	1.9	1488	1476	163
25.90	3.69	.229	3.84	3.43	3	1481	1.6	1485	1479	145
26.00	3.30	.437	3.71	2.84	3	1480	1.4	1484	1477	128
26.20	3.36	n/a	n/a	n/a	1	1479	1.2	1483	1477	85
26.40	2.73	n/a	n/a	n/a	1	1478	1.3	1481	1476	24
26.60										

Table 11. As in Table 7, for Station 2 (P02).

Table 11 : STATION MP02 J A N U A R Y 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	9.02	n/a	n/a	n/a	1
23.80	8.62	.969	9.30	7.93	2
24.00	8.49	.668	9.26	8.07	3
24.20	8.56	.624	9.28	8.18	3
24.40	8.46	.645	9.58	7.93	5
24.60	8.56	.531	9.38	7.83	7
24.80	9.08	.755	10.11	8.00	12
25.00	9.17	.701	10.22	7.83	14
25.20	8.96	.628	9.85	7.82	11
25.40	8.74	.824	9.96	7.15	10
25.60	8.67	.602	9.69	7.78	8
25.80	8.55	.625	9.24	7.61	5
26.00	8.34	.262	8.52	8.15	2
26.20	7.86	n/a	n/a	n/a	1
26.40	7.56	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
30.483	n/a	n/a	n/a	1
30.667	.1625	30.782	30.552	2
30.903	.1159	31.035	30.819	3
31.177	.1091	31.299	31.089	3
31.403	.1209	31.609	31.298	5
31.674	.0949	31.824	31.548	7
32.030	.1462	32.239	31.828	12
32.302	.1368	32.516	32.051	14
32.519	.1174	32.694	32.333	11
32.732	.1564	32.975	32.430	10
32.970	.1184	33.175	32.800	8
33.207	.1155	33.339	33.035	5
33.413	.0497	33.448	33.378	2
33.578	n/a	n/a	n/a	1
33.779	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	7	n/a	n/a	n/a	1
23.80	13	2.8	15	11	2
24.00	13	7.2	19	5	3
24.20	16	8.3	23	7	3
24.40	27	11.8	41	9	5
24.60	32	16.5	49	7	7
24.80	39	13.1	64	18	12
25.00	55	14.6	83	26	14
25.20	70	15.4	91	43	11
25.40	75	19.4	108	49	10
25.60	86	19.1	121	59	8
25.80	96	22.0	130	70	5
26.00	102	12.0	110	93	2
26.20	150	n/a	n/a	n/a	1
26.40	188	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
430.2	n/a	n/a	n/a	1
411.2	.11	411.2	411.1	2
392.1	.10	392.2	392.0	3
373.0	.20	373.2	372.8	3
354.2	.23	354.4	353.8	5
335.5	.25	335.6	334.9	7
316.3	.21	316.6	316.0	12
297.6	.26	298.1	297.1	14
278.8	.35	279.2	278.3	11
259.9	.46	260.7	259.2	10
241.0	.44	241.9	240.5	8
222.2	.51	223.0	221.7	5
203.3	.14	203.4	203.2	2
185.0	n/a	n/a	n/a	1
166.6	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	9.02	n/a	n/a	n/a	1
23.80	8.62	.969	9.30	7.93	2
24.00	8.49	.668	9.26	8.07	3
24.20	8.56	.627	9.28	8.17	3
24.40	8.46	.645	9.58	7.93	5
24.60	8.56	.528	9.37	7.83	7
24.80	9.08	.757	10.11	7.99	12
25.00	9.16	.699	10.21	7.82	14
25.20	8.95	.628	9.84	7.81	11
25.40	8.73	.820	9.94	7.15	10
25.60	8.66	.597	9.67	7.77	8
25.80	8.54	.621	9.22	7.60	5
26.00	8.33	.262	8.51	8.14	2
26.20	7.85	n/a	n/a	n/a	1
26.40	7.54	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
429.1	n/a	n/a	n/a	1
409.8	1.49	410.9	408.8	2
390.5	2.05	391.8	388.1	3
371.1	1.97	372.3	368.8	3
352.8	1.22	353.7	350.8	5
334.0	.64	334.7	333.1	7
315.3	.65	315.6	313.3	12
296.3	.46	296.6	294.9	14
277.1	.89	277.5	274.5	11
258.1	.69	258.5	256.2	10
239.3	.14	239.5	239.1	8
220.0	.38	220.4	219.4	5
201.3	.07	201.4	201.3	2
182.4	n/a	n/a	n/a	1
163.2	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

STATION MP02 J A N U A R Y 1956 to 1990

SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	.300	n/a	n/a	n/a	1	.01	n/a	n/a	n/a	1
23.80	.555	.1061	.630	.480	2	.04	.014	.05	.03	2
24.00	.550	.3148	.810	.200	3	.05	.035	.08	.01	3
24.20	.680	.3651	.970	.270	3	.07	.051	.11	.01	3
24.40	1.032	.4480	1.510	.340	5	.16	.116	.32	.01	5
24.60	1.193	.6175	1.880	.240	7	.24	.168	.45	.01	7
24.80	1.367	.4977	2.200	.580	12	.30	.196	.70	.05	12
25.00	1.809	.5223	2.800	.800	14	.52	.268	1.15	.11	14
25.20	2.274	.5039	3.050	1.380	11	.82	.335	1.37	.30	11
25.40	2.335	.6236	3.240	1.320	10	.91	.450	1.71	.33	10
25.60	2.651	.5681	3.570	1.770	8	1.14	.503	2.10	.50	8
25.80	2.856	.6356	3.800	2.050	5	1.37	.634	2.39	.68	5
26.00	2.800	.1273	2.890	2.710	2	1.35	.163	1.46	1.23	2
26.20	3.660	n/a	n/a	n/a	1	2.49	n/a	n/a	n/a	1
26.40	4.340	n/a	n/a	n/a	1	3.66	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	1481	n/a	n/a	n/a	1
23.80	n/a	n/a	n/a	n/a	0	1480	4.2	1483	1477	2
24.00	n/a	n/a	n/a	n/a	0	1480	2.9	1483	1478	3
24.20	n/a	n/a	n/a	n/a	0	1480	2.3	1483	1479	3
24.40	n/a	n/a	n/a	n/a	0	1480	2.6	1485	1479	5
24.60	n/a	n/a	n/a	n/a	0	1481	2.3	1485	1478	7
24.80	n/a	n/a	n/a	n/a	0	1484	3.0	1488	1479	12
25.00	n/a	n/a	n/a	n/a	0	1485	2.9	1489	1479	14
25.20	n/a	n/a	n/a	n/a	0	1485	2.6	1488	1480	11
25.40	n/a	n/a	n/a	n/a	0	1484	3.5	1489	1477	10
25.60	n/a	n/a	n/a	n/a	0	1484	2.9	1489	1480	8
25.80	n/a	n/a	n/a	n/a	0	1484	3.0	1488	1480	5
26.00	n/a	n/a	n/a	n/a	0	1484	.7	1484	1483	2
26.20	n/a	n/a	n/a	n/a	0	1483	n/a	n/a	n/a	1
26.40	n/a	n/a	n/a	n/a	0	1483	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

STATION MP02 F E B R U A R Y 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	7.60	n/a	n/a	n/a	1
22.80	7.61	n/a	n/a	n/a	1
23.00	7.51	.148	7.62	7.41	2
23.20	7.54	.127	7.63	7.45	3
23.40	7.80	.427	8.29	7.49	3
23.60	7.84	.449	8.35	7.52	3
23.80	7.81	.371	8.23	7.54	3
24.00	7.87	.482	8.42	7.54	3
24.20	7.58	.078	7.63	7.52	2
24.40	7.69	.171	7.89	7.58	3
24.60	8.10	.773	9.25	7.65	4
24.80	8.28	1.128	10.23	6.82	7
25.00	8.55	.963	10.49	6.87	10
25.20	8.49	.919	10.30	6.79	13
25.40	8.18	.746	9.44	7.07	12
25.60	8.19	.629	9.17	7.34	10
25.80	7.81	.385	8.50	7.44	6
26.00	7.60	.064	7.64	7.55	2
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
28.966	n/a	n/a	n/a	1
29.260	n/a	n/a	n/a	1
29.488	.0658	29.534	29.441	2
29.732	.0397	29.790	29.734	3
30.027	.0527	30.077	29.972	3
30.271	.0672	30.344	30.211	3
30.507	.0605	30.577	30.470	3
30.778	.0781	30.867	30.722	3
30.974	.0075	30.981	30.967	2
31.259	.0360	31.300	31.233	3
31.589	.1480	31.809	31.501	4
31.876	.2174	32.259	31.609	7
32.182	.1872	32.574	31.874	10
32.425	.1752	32.790	32.113	13
32.620	.1401	32.865	32.416	12
32.876	.1190	33.065	32.721	10
33.059	.0716	33.188	32.990	6
33.274	.0142	33.284	33.265	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	11	n/a	n/a	n/a	1
22.80	11	n/a	n/a	n/a	1
23.00	9	4.2	12	6	2
23.20	10	4.5	13	7	3
23.40	13	3.6	16	9	3
23.60	19	11.4	32	11	3
23.80	29	23.7	56	15	3
24.00	42	42.4	91	17	3
24.20	20	.0	20	20	2
24.40	16	13.1	25	1	3
24.60	20	9.4	31	12	4
24.80	30	9.1	46	19	7
25.00	43	18.9	77	12	10
25.20	54	19.7	87	19	13
25.40	64	24.1	107	13	12
25.60	77	9.4	92	59	10
25.80	84	5.0	92	79	6
26.00	94	.7	94	93	2
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
525.4	n/a	n/a	n/a	1
506.0	n/a	n/a	n/a	1
487.1	.50	487.4	486.7	2
467.9	.42	468.2	467.6	3
449.1	.42	449.4	448.6	3
430.2	.35	430.5	429.8	3
411.3	.33	411.7	411.1	3
392.5	.64	393.2	392.1	3
373.1	.00	373.1	373.1	2
354.0	.15	354.1	353.8	3
335.0	.10	335.1	334.9	4
316.1	.12	316.3	316.0	7
297.3	.35	298.0	296.8	10
278.5	.38	279.2	278.0	13
259.6	.43	260.4	258.6	12
240.8	.21	241.1	240.5	10
221.8	.05	221.9	221.8	6
203.0	.00	203.0	203.0	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	7.60	n/a	n/a	n/a	1
22.80	7.61	n/a	n/a	n/a	1
23.00	7.51	.148	7.62	7.41	2
23.20	7.53	.129	7.65	7.45	3
23.40	7.80	.427	8.29	7.49	3
23.60	7.84	.449	8.35	7.52	3
23.80	7.80	.365	8.22	7.54	3
24.00	7.86	.476	8.41	7.54	3
24.20	7.58	.078	7.63	7.52	2
24.40	7.69	.171	7.89	7.58	3
24.60	8.10	.773	9.25	7.65	4
24.80	8.28	1.128	10.22	6.81	7
25.00	8.55	.962	10.48	6.87	10
25.20	8.48	.919	10.29	6.78	13
25.40	8.17	.745	9.43	7.07	12
25.60	8.18	.627	9.16	7.34	10
25.80	7.80	.384	8.49	7.43	6
26.00	7.59	.071	7.64	7.54	2
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
522.9	n/a	n/a	n/a	1
501.0	n/a	n/a	n/a	1
482.9	3.11	485.1	480.7	2
462.7	1.42	463.7	461.7	3
446.4	2.60	449.0	443.8	3
428.6	1.53	429.9	426.9	3
410.6	.61	411.0	409.9	3
391.1	.61	391.8	390.6	3
372.6	.21	372.8	372.5	3
353.0	.72	353.8	352.5	4
334.0	.26	334.4	333.8	4
315.6	.10	315.6	315.4	7
296.5	.07	296.6	296.3	10
277.4	.18	277.6	277.0	13
258.4	.08	258.5	258.2	12
239.4	.08	239.5	239.3	10
220.4	.03	220.4	220.3	6
201.3	.07	201.4	201.3	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP02 F E B R U A R Y 1956 to 1990

SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	.570	n/a	n/a	n/a	1	.03	n/a	n/a	n/a	1
22.80	.610	n/a	n/a	n/a	1	.04	n/a	n/a	n/a	1
23.00	.465	.2616	.650	.280	2	.02	.021	.04	.01	2
23.20	.520	.2263	.680	.360	2	.02	.021	.04	.01	2
23.40	.627	.1617	.720	.440	3	.04	.021	.06	.02	3
23.60	.903	.4692	1.430	.530	3	.10	.110	.23	.03	3
23.80	1.297	.9828	2.430	.680	3	.26	.361	.68	.05	3
24.00	1.847	1.7443	3.860	.790	3	.63	.967	1.75	.07	3
24.20	.930	.0707	.980	.880	2	.09	.007	.09	.08	2
24.40	.717	.6030	1.160	.030	3	.08	.072	.14	.00	3
24.60	.807	.4784	1.370	.400	4	.09	.085	.20	.02	4
24.80	1.066	.3760	1.560	.630	7	.17	.104	.35	.06	7
25.00	1.421	.6314	2.480	.360	10	.35	.287	.96	.02	10
25.20	1.687	.6653	2.780	.530	13	.50	.345	1.21	.05	13
25.40	1.943	.7840	3.170	.350	12	.69	.456	1.65	.02	12
25.60	2.212	.3527	2.950	1.690	10	.83	.192	1.23	.50	10
25.80	2.407	.2254	2.830	2.170	6	.97	.096	1.08	.83	6
26.00	2.760	.4101	3.050	2.470	2	1.18	.078	1.23	1.12	2
26.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	1474	n/a	n/a	n/a	1
22.80	n/a	n/a	n/a	n/a	0	1474	n/a	n/a	n/a	1
23.00	n/a	n/a	n/a	n/a	0	1474	1.4	1475	1473	2
23.20	n/a	n/a	n/a	n/a	0	1475	.7	1475	1474	2
23.40	n/a	n/a	n/a	n/a	0	1476	1.7	1478	1475	3
23.60	n/a	n/a	n/a	n/a	0	1477	2.1	1479	1475	3
23.80	n/a	n/a	n/a	n/a	0	1477	2.1	1479	1475	3
24.00	n/a	n/a	n/a	n/a	0	1478	2.9	1481	1476	3
24.20	n/a	n/a	n/a	n/a	0	1477	.7	1477	1476	2
24.40	n/a	n/a	n/a	n/a	0	1477	.6	1478	1477	3
24.60	n/a	n/a	n/a	n/a	0	1479	3.2	1484	1477	4
24.80	n/a	n/a	n/a	n/a	0	1480	4.5	1488	1474	7
25.00	n/a	n/a	n/a	n/a	0	1482	3.9	1490	1475	10
25.20	n/a	n/a	n/a	n/a	0	1482	3.8	1490	1475	13
25.40	n/a	n/a	n/a	n/a	0	1482	3.3	1487	1477	12
25.60	n/a	n/a	n/a	n/a	0	1482	2.7	1486	1478	10
25.80	n/a	n/a	n/a	n/a	0	1481	1.5	1484	1480	6
26.00	n/a	n/a	n/a	n/a	0	1481	.7	1481	1480	2
26.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

STATION MP02 M A R C H 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	8.50	n/a	n/a	n/a	1
23.00	8.12	n/a	n/a	n/a	1
23.20	7.79	n/a	n/a	n/a	1
23.40	8.48	1.372	9.45	7.51	2
23.60	8.44	1.400	9.43	7.45	2
23.80	8.47	1.393	9.46	7.49	2
24.00	8.66	.815	9.48	7.53	4
24.20	8.89	.920	10.25	7.56	6
24.40	8.72	.677	9.58	7.60	7
24.60	8.62	.532	9.51	7.63	8
24.80	8.50	.687	9.75	7.62	17
25.00	8.65	.767	10.55	7.44	26
25.20	8.53	.462	9.48	7.62	23
25.40	8.54	.424	9.35	7.66	21
25.60	8.47	.414	9.12	7.63	20
25.80	8.34	.390	8.89	7.55	16
26.00	8.20	.296	8.60	7.54	13
26.20	7.94	.216	8.12	7.50	9
26.40	7.56	.116	7.65	7.40	4
26.60	6.90	.015	6.92	6.89	3

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
29.508	n/a	n/a	n/a	1
29.588	n/a	n/a	n/a	1
29.770	n/a	n/a	n/a	1
30.130	.2368	30.298	29.963	2
30.384	.2369	30.551	30.216	2
30.670	.2191	30.825	30.515	2
30.938	.1184	31.081	30.791	4
31.238	.1592	31.494	31.048	6
31.462	.1239	31.628	31.288	7
31.686	.0981	31.851	31.512	8
31.917	.1306	32.158	31.770	17
32.200	.1509	32.588	31.973	26
32.430	.0875	32.617	32.286	23
32.688	.0821	32.850	32.534	21
32.929	.0781	33.062	32.771	20
33.162	.0703	33.268	33.010	16
33.392	.0514	33.466	33.301	13
33.596	.0369	33.630	33.529	9
33.779	.0174	33.794	33.752	4
33.915	.0000	33.918	33.913	3

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	4	n/a	n/a	n/a	1
23.00	8	n/a	n/a	n/a	1
23.20	13	n/a	n/a	n/a	1
23.40	19	.7	19	18	2
23.60	26	6.4	30	21	2
23.80	28	6.4	32	23	2
24.00	19	12.9	34	6	4
24.20	18	11.7	37	5	6
24.40	20	11.1	40	7	7
24.60	24	10.9	45	9	8
24.80	26	14.1	57	8	17
25.00	33	17.5	77	7	26
25.20	47	17.9	81	16	23
25.40	59	21.3	110	22	21
25.60	68	16.0	104	50	20
25.80	77	16.2	120	61	16
26.00	85	17.2	132	66	13
26.20	95	18.9	142	75	9
26.40	123	13.1	138	111	4
26.60	143	15.9	155	125	3

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
506.5	n/a	n/a	n/a	1
487.4	n/a	n/a	n/a	1
468.4	n/a	n/a	n/a	1
449.4	.16	449.5	449.3	2
430.3	.28	430.5	430.1	2
411.1	.42	411.4	410.8	2
392.0	.35	392.4	391.6	4
373.0	.50	373.4	372.5	6
354.0	.26	354.5	353.7	7
335.0	.22	335.5	334.9	8
316.1	.23	316.6	315.8	17
297.2	.33	298.2	296.8	26
278.4	.32	279.1	277.9	23
259.6	.40	260.6	258.9	21
240.7	.31	241.4	240.3	20
221.8	.31	222.7	221.6	16
203.0	.32	203.8	202.6	13
184.1	.32	184.9	183.8	9
165.5	.24	165.8	165.3	4
146.7	.26	146.9	146.4	3

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	8.50	n/a	n/a	n/a	1
23.00	8.12	n/a	n/a	n/a	1
23.20	7.79	n/a	n/a	n/a	1
23.40	8.48	1.372	9.45	7.51	2
23.60	8.44	1.407	9.43	7.44	2
23.80	8.47	1.386	9.45	7.49	2
24.00	8.65	.819	9.48	7.52	4
24.20	8.89	.920	10.25	7.56	6
24.40	8.71	.679	9.57	7.59	7
24.60	8.61	.534	9.51	7.62	8
24.80	8.49	.686	9.74	7.61	17
25.00	8.65	.767	10.54	7.43	26
25.20	8.52	.461	9.48	7.61	23
25.40	8.54	.422	9.34	7.65	21
25.60	8.46	.413	9.11	7.63	20
25.80	8.33	.389	8.87	7.54	16
26.00	8.20	.295	8.59	7.53	13
26.20	7.93	.215	8.11	7.49	9
26.40	7.55	.113	7.64	7.39	4
26.60	6.89	.010	6.90	6.88	3

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
494.4	n/a	n/a	n/a	1
483.2	n/a	n/a	n/a	1
465.3	n/a	n/a	n/a	1
448.2	1.27	449.1	447.3	2
428.8	1.70	430.0	427.6	2
407.9	2.97	410.0	405.8	2
390.2	5.06	391.9	385.6	4
371.3	2.20	372.7	366.9	6
352.1	1.69	353.6	349.5	7
333.9	.63	334.7	333.1	8
315.1	.56	315.6	313.8	17
296.4	.26	296.6	295.4	26
277.3	.45	277.6	275.3	23
258.3	.31	258.5	257.3	21
239.3	.37	239.5	237.8	20
220.2	.72	220.5	217.5	16
201.1	.77	201.4	198.7	13
182.2	.48	182.5	181.1	9
163.3	.10	163.4	163.2	4
144.4	.05	144.4	144.3	3

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SIGMA -T-	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	.210	n/a	n/a	n/a	1	.00	n/a	n/a	n/a	1
23.00	.430	n/a	n/a	n/a	1	.02	n/a	n/a	n/a	1
23.20	.650	n/a	n/a	n/a	1	.04	n/a	n/a	n/a	1
23.40	.885	.0071	.890	.880	2	.09	.007	.09	.08	2
23.60	1.185	.2475	1.360	1.010	2	.16	.071	.21	.11	2
23.80	1.265	.2616	1.450	1.080	2	.18	.078	.23	.12	2
24.00	.925	.6180	1.530	.230	4	.11	.118	.26	.01	4
24.20	.763	.5469	1.630	.190	6	.09	.114	.30	.00	6
24.40	.819	.5139	1.740	.270	7	.10	.116	.34	.01	7
24.60	.949	.4885	1.910	.350	8	.14	.127	.42	.02	8
24.80	.912	.5590	2.210	.260	17	.15	.172	.57	.01	17
25.00	1.102	.6219	2.690	.200	26	.23	.248	.90	.01	26
25.20	1.496	.6429	3.040	.500	23	.39	.306	1.14	.04	23
25.40	1.831	.6922	3.150	.650	21	.59	.426	1.73	.07	21
25.60	2.063	.5706	3.280	1.440	20	.72	.360	1.50	.36	20
25.80	2.246	.5613	3.420	1.740	16	.86	.408	1.94	.50	16
26.00	2.423	.5758	3.590	1.840	13	1.00	.469	2.26	.57	13
26.20	2.577	.5276	3.720	2.020	9	1.17	.543	2.55	.70	9
26.40	2.983	.1846	3.200	2.750	4	1.66	.265	1.98	1.38	4
26.60	3.247	.2491	3.410	2.960	3	2.07	.380	2.35	1.64	3

SIGMA -T-	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	1478	n/a	n/a	n/a	1
23.00	n/a	n/a	n/a	n/a	0	1476	n/a	n/a	n/a	1
23.20	n/a	n/a	n/a	n/a	0	1476	n/a	n/a	n/a	1
23.40	n/a	n/a	n/a	n/a	0	1479	5.7	1483	1475	2
23.60	n/a	n/a	n/a	n/a	0	1479	5.7	1483	1475	2
23.80	n/a	n/a	n/a	n/a	0	1480	6.4	1484	1475	2
24.00	n/a	n/a	n/a	n/a	0	1481	3.3	1484	1476	4
24.20	n/a	n/a	n/a	n/a	0	1482	3.6	1487	1477	6
24.40	n/a	n/a	n/a	n/a	0	1481	2.8	1485	1477	7
24.60	n/a	n/a	n/a	n/a	0	1481	2.3	1485	1477	8
24.80	6.56	n/a	n/a	n/a	1	1481	2.8	1486	1478	17
25.00	6.44	.133	6.61	6.31	4	1482	3.2	1491	1477	26
25.20	6.45	.057	6.49	6.41	2	1482	2.1	1487	1479	23
25.40	5.73	.057	5.77	5.69	2	1483	1.9	1487	1480	21
25.60	5.03	n/a	n/a	n/a	1	1483	1.9	1486	1479	20
25.80	4.38	n/a	n/a	n/a	1	1483	1.7	1486	1480	16
26.00	3.84	n/a	n/a	n/a	1	1483	1.4	1485	1480	13
26.20	3.34	n/a	n/a	n/a	1	1483	.9	1484	1481	9
26.40	n/a	n/a	n/a	n/a	0	1482	.6	1482	1481	4
26.60	n/a	n/a	n/a	n/a	0	1480	.6	1480	1479	3

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	8.67	1.047	9.41	7.93	3
24.20	8.88	.807	9.51	7.97	3
24.40	8.53	.877	9.62	7.37	6
24.60	8.47	.810	9.71	7.45	7
24.80	8.38	.884	9.82	7.44	7
25.00	8.40	.797	9.87	7.43	9
25.20	8.22	.679	9.56	7.36	9
25.40	8.06	.607	9.27	7.30	9
25.60	7.86	.424	8.47	7.29	8
25.80	7.82	.402	8.32	7.29	5
26.00	7.72	.338	8.18	7.26	5
26.20	7.44	.155	7.61	7.25	4
26.40	7.07	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	31.016	.0617	31.060	30.973	3
24.20	31.268	.0729	31.339	31.193	3
24.40	31.418	.1659	31.628	31.196	6
24.60	31.664	.1593	31.903	31.467	7
24.80	31.899	.1693	32.174	31.721	7
25.00	32.157	.1479	32.440	31.971	9
25.20	32.377	.1257	32.632	32.211	9
25.40	32.597	.1177	32.821	32.458	9
25.60	32.817	.0771	32.933	32.710	8
25.80	33.068	.0692	33.154	32.966	5
26.00	33.299	.0610	33.382	33.216	5
26.20	33.505	.0273	33.532	33.468	4
26.40	33.691	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	11	12.0	19	2	2
24.20	16	11.8	29	6	3
24.40	17	8.7	32	10	6
24.60	20	7.1	34	13	7
24.80	25	7.3	38	17	7
25.00	29	18.7	66	0	9
25.20	46	19.5	85	13	9
25.40	61	17.1	90	45	9
25.60	72	13.2	93	56	8
25.80	76	8.8	89	66	5
26.00	86	9.0	98	75	5
26.20	89	3.4	94	86	4
26.40	93	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	392.1	.21	392.3	391.9	3
24.20	373.1	.24	373.3	372.8	3
24.40	354.0	.10	354.2	353.9	6
24.60	335.0	.12	335.2	334.9	7
24.80	316.0	.18	316.4	315.9	7
25.00	297.1	.34	297.9	296.7	9
25.20	278.3	.39	279.2	277.8	9
25.40	259.5	.33	260.2	259.3	9
25.60	240.7	.25	241.1	240.3	8
25.80	221.7	.21	222.0	221.4	5
26.00	202.9	.21	203.2	202.7	5
26.20	184.0	.09	184.1	183.9	4
26.40	165.0	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	8.66	1.039	9.40	7.93	3
24.20	8.88	.803	9.50	7.97	3
24.40	8.52	.875	9.61	7.37	6
24.60	8.46	.808	9.71	7.45	7
24.80	8.37	.887	9.82	7.44	7
25.00	8.39	.795	9.86	7.43	9
25.20	8.21	.677	9.55	7.35	9
25.40	8.05	.605	9.21	7.29	9
25.60	7.85	.422	8.46	7.29	8
25.80	7.82	.403	8.31	7.28	5
26.00	7.71	.335	8.17	7.26	5
26.20	7.43	.151	7.60	7.25	4
26.40	7.06	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	384.6	10.18	391.8	377.4	3
24.20	368.9	6.29	373.6	361.6	3
24.40	352.8	.46	353.4	352.3	6
24.60	333.6	.78	334.4	332.5	7
24.80	314.9	.48	315.5	314.3	7
25.00	296.0	1.36	296.7	292.4	9
25.20	276.9	1.24	277.8	275.7	9
25.40	258.3	.36	258.5	257.4	9
25.60	239.0	.22	239.4	237.3	8
25.80	219.9	1.08	220.5	218.0	5
26.00	201.3	.11	201.4	201.1	5
26.20	182.1	.60	182.4	181.2	4
26.40	163.4	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	.425	.4596	.750	.100	2
24.20	.630	.4687	1.150	.240	3
24.40	.628	.3414	1.240	.370	6
24.60	.743	.2887	1.310	.480	7
24.80	.910	.2873	1.450	.600	7
25.00	.983	.6481	2.290	.000	9
25.20	1.477	.6631	2.860	.380	9
25.40	1.900	.5963	3.070	1.320	9
25.60	2.126	.4217	2.720	1.650	8
25.80	2.188	.3411	2.690	1.890	5
26.00	2.398	.2363	2.740	2.150	5
26.20	2.512	.2040	2.790	2.320	4
26.40	2.670	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.04	.049	.07	.00	2
.07	.087	.17	.01	3
.07	.070	.20	.02	6
.08	.066	.22	.03	7
.12	.077	.27	.05	7
.19	.215	.72	.00	9
.38	.324	1.16	.03	9
.60	.357	1.34	.30	9
.76	.279	1.22	.48	8
.81	.211	1.13	.61	5
.98	.181	1.18	.75	5
1.05	.124	1.23	.96	4
1.14	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1480	4.2	1483	1477	3
1482	3.5	1484	1478	5
1481	3.6	1485	1476	6
1481	3.4	1486	1477	7
1481	3.7	1487	1477	7
1481	3.4	1488	1477	9
1481	3.9	1487	1478	9
1481	3.6	1486	1478	9
1481	3.0	1484	1478	8
1481	1.6	1483	1479	5
1481	1.5	1483	1479	5
1480	1.0	1481	1479	4
1479	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	11.60	n/a	n/a	n/a	1
22.80	11.21	n/a	n/a	n/a	1
23.00	11.58	.905	12.22	10.94	2
23.20	11.20	.704	12.00	10.69	3
23.40	10.92	1.122	12.55	9.40	6
23.60	10.72	1.124	12.33	9.18	10
23.80	10.61	1.085	12.13	8.81	15
24.00	10.34	.985	11.92	8.56	17
24.20	10.22	.871	11.68	8.18	23
24.40	9.86	.790	11.45	7.95	27
24.60	9.48	.655	10.87	7.88	34
24.80	9.08	.602	10.45	7.96	36
25.00	8.70	.519	9.98	7.74	38
25.20	8.32	.451	9.25	7.50	38
25.40	8.03	.444	8.87	7.55	38
25.60	7.87	.419	8.79	7.06	37
25.80	7.79	.363	8.62	7.15	36
26.00	7.69	.317	8.33	7.15	35
26.20	7.52	.285	8.06	7.08	30
26.40	7.22	.210	7.64	6.96	16
26.60	6.77	.110	6.88	6.66	3

SALINITY

MEAN	S.D.	MAX	MIN	N
29.730	n/a	n/a	n/a	1
29.934	n/a	n/a	n/a	1
30.271	.1754	30.395	30.147	2
30.499	.1439	30.620	30.340	3
30.654	.2633	31.009	30.293	6
30.858	.2369	31.204	30.503	10
31.103	.2317	31.421	30.735	15
31.290	.2064	31.624	30.940	17
31.528	.1909	31.826	31.101	23
31.703	.1660	31.976	31.311	27
31.864	.1327	32.154	31.542	34
32.037	.1197	32.310	31.813	36
32.215	.1005	32.464	32.024	38
32.392	.0865	32.571	32.238	38
32.592	.0842	32.770	32.452	38
32.819	.0789	32.993	32.675	37
33.061	.0666	33.215	32.967	36
33.296	.0562	33.420	33.220	35
33.519	.0502	33.617	33.437	30
33.718	.0368	33.791	33.673	16
33.894	.0193	33.912	33.876	3

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	6	n/a	n/a	n/a	1
22.80	11	n/a	n/a	n/a	1
23.00	12	.0	12	12	2
23.20	10	7.4	16	2	3
23.40	12	5.1	17	6	6
23.60	10	7.7	25	0	10
23.80	12	6.9	28	3	15
24.00	14	6.1	30	4	17
24.20	15	8.1	38	1	23
24.40	17	8.4	43	4	27
24.60	20	9.5	55	2	34
24.80	25	10.4	61	9	36
25.00	31	11.8	68	15	38
25.20	40	15.7	90	19	38
25.40	51	16.6	95	28	38
25.60	61	16.0	98	36	37
25.80	70	14.9	101	46	36
26.00	79	13.4	105	55	35
26.20	86	11.7	109	62	30
26.40	92	8.5	105	70	16
26.60	115	36.4	157	92	3

SVA

MEAN	S.D.	MAX	MIN	N
525.7	n/a	n/a	n/a	1
506.5	n/a	n/a	n/a	1
487.4	.22	487.6	487.3	2
468.3	.06	468.4	468.2	3
449.3	.13	449.4	449.1	6
430.2	.17	430.5	429.9	10
411.1	.15	411.4	410.8	15
392.1	.18	392.4	391.7	17
373.0	.19	373.4	372.6	23
354.0	.21	354.5	353.6	27
335.0	.20	335.6	334.6	34
316.1	.21	316.7	315.6	36
297.1	.22	297.7	296.8	38
278.2	.25	279.2	277.9	38
259.4	.30	260.2	259.0	38
240.5	.27	241.2	240.1	37
221.6	.26	222.3	221.3	36
202.8	.24	203.2	202.3	35
183.9	.21	184.4	183.4	30
165.0	.15	165.2	164.6	16
146.3	.55	146.9	145.9	3

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	11.60	n/a	n/a	n/a	1
22.80	11.21	n/a	n/a	n/a	1
23.00	11.58	.912	12.22	10.93	2
23.20	11.20	.704	12.00	10.69	3
23.40	10.92	1.122	12.55	9.40	6
23.60	10.72	1.124	12.33	9.18	10
23.80	10.61	1.085	12.13	8.81	15
24.00	10.34	.985	11.92	8.56	17
24.20	10.22	.871	11.68	8.18	23
24.40	9.86	.789	11.24	7.95	27
24.60	9.47	.655	10.87	7.88	34
24.80	9.08	.603	10.45	7.95	36
25.00	8.69	.518	9.98	7.74	38
25.20	8.31	.451	9.25	7.49	38
25.40	8.02	.443	8.87	7.55	38
25.60	7.86	.418	8.79	7.08	37
25.80	7.79	.362	8.61	7.15	36
26.00	7.68	.316	8.32	7.14	35
26.20	7.51	.284	8.05	7.07	30
26.40	7.21	.210	7.63	6.95	16
26.60	6.76	.110	6.87	6.65	3

SVA (THETA)

MEAN	S.D	MAX	MIN	N
525.3	n/a	n/a	n/a	1
503.7	n/a	n/a	n/a	1
485.1	2.40	486.8	483.4	2
461.8	6.81	466.4	454.9	3
446.2	4.08	448.7	438.2	6
428.0	2.67	430.1	421.3	10
407.9	2.85	410.9	400.4	15
389.6	1.83	391.7	385.2	17
370.1	3.56	372.7	358.8	23
351.4	3.03	353.7	340.9	27
333.4	1.60	334.7	330.9	34
314.6	1.20	315.6	311.7	36
295.8	.98	296.6	292.9	38
277.1	.67	277.6	274.6	38
258.1	.65	258.5	255.5	38
239.1	.67	239.5	236.1	37
220.1	.75	220.5	217.4	36
201.1	.77	201.5	198.1	35
182.2	.60	182.5	180.1	30
163.4	.14	163.5	163.0	16
144.4	.10	144.5	144.3	3

STATION MP02 M A Y 1956 to 1990

SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT ENERGY MEAN	S.D.	MAX	MIN	N
22.60	.340	n/a	n/a	n/a	1	.01	n/a	n/a	n/a	1
22.80	.580	n/a	n/a	n/a	1	.03	n/a	n/a	n/a	1
23.00	.625	.0212	.640	.610	2	.04	.000	.04	.04	2
23.20	.530	.3566	.770	.120	3	.04	.032	.06	.00	3
23.40	.560	.2527	.820	.280	6	.04	.030	.07	.01	6
23.60	.481	.3729	1.150	.000	10	.04	.047	.15	.00	10
23.80	.525	.3241	1.260	.110	15	.04	.047	.18	.00	15
24.00	.634	.2900	1.420	.180	17	.05	.052	.23	.00	17
24.20	.615	.3599	1.650	.050	23	.06	.065	.31	.00	23
24.40	.693	.3705	1.830	.150	27	.07	.075	.38	.00	27
24.60	.763	.4020	2.240	.060	34	.09	.104	.59	.00	34
24.80	.942	.4229	2.450	.300	36	.14	.131	.71	.01	36
25.00	1.099	.4657	2.630	.560	38	.19	.167	.86	.04	38
25.20	1.368	.5674	3.100	.690	38	.30	.266	1.27	.07	38
25.40	1.674	.5810	3.250	.870	38	.45	.305	1.41	.12	38
25.60	1.905	.5680	3.310	1.070	37	.58	.319	1.47	.19	37
25.80	2.113	.5413	3.380	1.340	36	.71	.326	1.54	.29	36
26.00	2.308	.5085	3.470	1.490	35	.86	.324	1.53	.38	35
26.20	2.426	.4582	3.600	1.640	30	.96	.304	1.71	.47	30
26.40	2.425	.2858	2.990	1.770	16	1.00	.198	1.35	.56	16
26.60	2.607	.6850	3.390	2.120	3	1.37	.816	2.31	.85	3

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	1490	n/a	n/a	n/a	1
22.80	n/a	n/a	n/a	n/a	0	1488	n/a	n/a	n/a	1
23.00	n/a	n/a	n/a	n/a	0	1491	3.5	1493	1488	2
23.20	6.99	n/a	n/a	n/a	1	1489	2.6	1492	1487	3
23.40	6.98	n/a	n/a	n/a	1	1488	4.3	1494	1482	6
23.60	7.13	.205	7.27	6.98	2	1488	4.4	1494	1482	10
23.80	7.01	.290	7.31	6.80	5	1488	4.1	1494	1481	15
24.00	6.77	.170	6.89	6.65	5	1487	3.8	1493	1480	17
24.20	6.57	.057	6.61	6.53	5	1487	3.5	1493	1479	23
24.40	6.37	.007	6.37	6.36	5	1486	3.0	1491	1478	27
24.60	6.14	.021	6.16	6.13	5	1485	2.6	1490	1478	34
24.80	5.79	.191	5.93	5.66	5	1484	2.5	1489	1479	36
25.00	5.46	.269	5.65	5.27	5	1482	2.3	1488	1478	38
25.20	5.16	.339	5.40	4.92	5	1481	2.0	1485	1478	38
25.40	4.89	.509	5.25	4.53	5	1481	2.0	1485	1477	38
25.60	4.67	.771	5.52	4.13	5	1481	1.8	1485	1477	37
25.80	4.27	.700	4.77	3.78	5	1481	1.6	1485	1478	36
26.00	3.43	n/a	n/a	n/a	2	1481	1.4	1484	1478	35
26.20	2.84	n/a	n/a	n/a	1	1481	1.3	1483	1478	30
26.40	n/a	n/a	n/a	n/a	0	1480	1.0	1481	1478	16
26.60	n/a	n/a	n/a	n/a	0	1479	1.2	1480	1478	3

STATION MP02 J U N E 1956 to 1990

TEMPERATURE

SIGMA -T	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	14.68	n/a	n/a	n/a	1
23.40	13.93	n/a	n/a	n/a	1
23.60	12.86	.262	13.20	12.60	4
23.80	12.47	.252	13.72	11.40	8
24.00	11.96	.766	12.87	10.56	10
24.20	11.36	.689	12.31	10.11	13
24.40	10.91	.769	11.97	9.71	18
24.60	10.28	.651	11.18	9.21	18
24.80	9.63	.568	10.53	8.69	18
25.00	9.05	.463	9.83	8.21	18
25.20	8.54	.387	9.05	7.78	18
25.40	8.13	.345	8.79	7.52	18
25.60	7.87	.294	8.52	7.41	18
25.80	7.64	.394	8.23	7.13	18
26.00	7.44	.323	7.97	6.81	18
26.20	7.30	.286	7.83	6.91	17
26.40	7.06	.173	7.31	6.68	12
26.60	6.74	.047	6.81	6.69	7

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
31.297	n/a	n/a	n/a	1
31.402	n/a	n/a	n/a	1
31.354	.1036	31.503	31.278	4
31.525	.1854	31.804	31.246	8
31.665	.1778	31.879	31.314	10
31.774	.1509	32.005	31.484	13
31.925	.1632	32.155	31.636	18
32.047	.1376	32.250	31.810	18
32.158	.1165	32.346	31.952	18
32.289	.0891	32.441	32.121	18
32.435	.0752	32.534	32.288	18
32.611	.0633	32.734	32.496	18
32.817	.0517	32.937	32.742	18
33.031	.0526	33.138	32.936	18
33.248	.0558	33.343	33.157	18
33.477	.0513	33.572	33.408	17
33.691	.0317	33.733	33.624	12
33.888	.0088	33.900	33.878	7

DEPTH

SIGMA -T	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	1	n/a	n/a	n/a	1
23.40	6	n/a	n/a	n/a	1
23.60	5	3.1	7	0	4
23.80	9	4.2	15	1	8
24.00	11	3.3	17	8	10
24.20	13	3.5	18	7	13
24.40	14	5.5	21	0	18
24.60	18	6.0	30	8	18
24.80	22	7.6	37	10	18
25.00	28	10.6	52	13	18
25.20	33	12.8	63	16	18
25.40	39	14.0	73	19	18
25.60	47	16.6	89	22	18
25.80	56	16.9	95	27	18
26.00	65	14.6	97	35	18
26.20	75	14.1	101	45	17
26.40	86	13.8	109	65	12
26.60	98	17.4	132	79	7

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
468.3	n/a	n/a	n/a	1
449.1	n/a	n/a	n/a	1
430.1	.08	430.2	430.0	4
411.1	.18	411.3	410.9	8
392.0	.25	392.2	391.5	10
373.0	.35	373.3	372.5	13
354.0	.37	354.3	353.6	18
335.0	.39	335.3	334.6	18
316.0	.32	316.3	315.9	18
297.1	.26	297.6	296.5	18
278.1	.24	278.7	277.8	18
259.2	.23	259.7	258.9	18
240.3	.27	240.9	239.9	18
221.4	.27	221.9	221.0	18
202.5	.24	203.0	202.1	18
183.7	.24	184.1	183.2	18
164.8	.21	165.2	164.5	12
146.0	.26	146.5	145.7	7

THETA

SIGMA -T	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	14.67	n/a	n/a	n/a	1
23.40	13.93	n/a	n/a	n/a	1
23.60	12.86	.262	13.20	12.60	4
23.80	12.47	.252	13.72	11.40	8
24.00	11.95	.767	12.87	10.55	10
24.20	11.36	.689	12.31	10.11	13
24.40	10.91	.769	11.97	9.71	18
24.60	10.28	.650	11.17	9.21	18
24.80	9.63	.567	10.53	8.69	18
25.00	9.05	.462	9.83	8.21	18
25.20	8.54	.386	9.04	7.77	18
25.40	8.13	.345	8.79	7.52	18
25.60	7.86	.296	8.52	7.40	18
25.80	7.63	.294	8.23	7.13	18
26.00	7.43	.321	7.96	6.81	18
26.20	7.29	.285	7.82	6.91	17
26.40	7.06	.171	7.30	6.68	12
26.60	6.74	.046	6.80	6.68	7

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
466.8	n/a	n/a	n/a	1
444.4	n/a	n/a	n/a	1
427.8	3.21	429.9	423.0	4
408.3	2.62	410.9	405.1	8
388.8	3.33	391.6	380.3	10
370.4	3.70	372.5	358.3	13
351.8	3.57	353.8	338.8	18
332.4	3.56	334.7	320.3	18
314.0	3.54	315.6	305.5	18
295.4	3.59	296.6	291.1	18
277.1	.76	277.5	274.3	18
258.2	.42	258.6	256.7	18
239.2	.43	239.5	237.7	18
220.1	.61	220.5	218.0	18
201.3	.42	201.5	200.1	18
182.3	.34	182.5	181.3	17
163.3	.41	163.5	162.3	12
144.5	.05	144.5	144.4	7

STATION MP02 J U N E 1956 to 1998

SIGMA -T	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	.050	n/a	n/a	n/a	1	.00	n/a	n/a	n/a	1
23.40	.280	n/a	n/a	n/a	1	.01	n/a	n/a	n/a	1
23.60	.303	.1417	.530	.000	4	.01	.005	.01	.00	4
23.80	.371	.1763	.630	.050	8	.02	.016	.05	.00	8
24.00	.477	.1323	.710	.320	10	.03	.017	.06	.01	10
24.20	.524	.1537	.770	.250	13	.04	.020	.07	.01	13
24.40	.543	.2249	.840	.000	18	.04	.027	.09	.00	18
24.60	.701	.2379	1.130	.260	18	.07	.043	.17	.01	18
24.80	.831	.2800	1.370	.360	18	.10	.063	.25	.02	18
25.00	.989	.3680	1.800	.450	18	.15	.108	.45	.03	18
25.20	1.147	.4298	2.120	.520	18	.20	.155	.64	.04	18
25.40	1.324	.4638	2.390	.600	18	.27	.193	.83	.05	18
25.60	1.520	.5283	2.790	.680	18	.37	.259	1.15	.07	18
25.80	1.710	.5377	2.940	.790	18	.47	.303	1.32	.10	18
26.00	1.913	.4825	2.990	.980	18	.59	.329	1.35	.16	18
26.20	2.105	.4697	3.050	1.170	17	.73	.391	1.41	.24	17
26.40	2.279	.4868	3.200	1.490	12	.88	.334	1.57	.41	12
26.60	2.376	.5336	3.360	1.730	7	1.02	.415	1.85	.59	7

SIGMA -T	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	1502	n/a	n/a	n/a	1
23.60	n/a	n/a	n/a	n/a	0	1500	n/a	n/a	n/a	1
23.80	n/a	n/a	n/a	n/a	0	1496	1.0	1497	1495	4
24.00	n/a	n/a	n/a	n/a	0	1495	2.6	1499	1491	8
24.20	n/a	n/a	n/a	n/a	0	1493	2.8	1497	1488	10
24.40	n/a	n/a	n/a	n/a	0	1491	2.5	1495	1487	13
24.60	n/a	n/a	n/a	n/a	0	1490	2.9	1494	1485	18
24.80	n/a	n/a	n/a	n/a	0	1488	2.4	1491	1484	18
25.00	n/a	n/a	n/a	n/a	0	1486	2.2	1489	1482	18
25.20	n/a	n/a	n/a	n/a	0	1484	2.0	1487	1480	18
25.40	n/a	n/a	n/a	n/a	0	1482	1.7	1484	1479	18
25.60	n/a	n/a	n/a	n/a	0	1481	1.6	1484	1478	18
25.80	n/a	n/a	n/a	n/a	0	1480	1.3	1483	1478	18
26.00	n/a	n/a	n/a	n/a	0	1480	1.5	1483	1477	18
26.20	n/a	n/a	n/a	n/a	0	1480	1.4	1482	1477	17
26.40	n/a	n/a	n/a	n/a	0	1479	1.3	1482	1477	17
26.60	n/a	n/a	n/a	n/a	0	1479	.9	1480	1477	12
						1478	.4	1479	1478	7

STATION MP02 J U L Y 1956 to 1990

SIGMA -T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
22.60	14.26	n/a	n/a	n/a	1	30.387	n/a	n/a	n/a	1
22.80	14.11	n/a	n/a	n/a	1	30.611	n/a	n/a	n/a	1
23.00	13.96	n/a	n/a	n/a	1	30.830	n/a	n/a	n/a	1
23.20	13.78	n/a	n/a	n/a	1	31.067	n/a	n/a	n/a	1
23.40	13.87	.491	14.44	13.58	3	31.372	.0892	31.473	31.303	3
23.60	13.29	.831	14.36	11.72	7	31.469	.1944	31.713	31.088	7
23.80	13.28	.958	14.39	11.36	11	31.720	.2427	32.011	31.228	11
24.00	13.69	.890	13.84	11.04	11	31.830	.2298	32.095	31.454	11
24.20	13.05	.790	13.00	10.62	13	31.941	.1996	32.151	31.583	13
24.40	11.59	.670	12.25	10.11	15	32.044	.1625	32.230	31.733	15
24.60	10.74	.549	11.49	9.67	16	32.146	.1287	32.339	31.898	16
24.80	10.09	.502	11.02	9.32	16	32.245	.1083	32.441	32.073	16
25.00	9.44	.450	10.33	8.91	16	32.360	.0999	32.555	32.247	16
25.20	8.86	.438	9.71	8.42	16	32.498	.0925	32.671	32.406	16
25.40	8.41	.393	9.14	7.90	16	32.664	.0785	32.810	32.564	16
25.60	8.03	.310	8.47	7.41	16	32.849	.0609	32.970	32.731	16
25.80	7.81	.327	8.14	7.24	16	33.060	.0404	33.129	32.950	16
26.00	7.58	.344	7.94	7.06	15	33.274	.0423	33.337	33.162	15
26.20	7.32	.356	7.79	6.99	15	33.487	.0449	33.564	33.425	15
26.40	7.05	.320	7.45	6.74	15	33.690	.0388	33.758	33.634	15
26.60	6.72	.129	6.87	6.63	3	33.886	.0210	33.910	33.868	3

SIGMA -T	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
22.60	9	n/a	n/a	n/a	1	525.8	n/a	n/a	n/a	1
22.80	9	n/a	n/a	n/a	1	506.6	n/a	n/a	n/a	1
23.00	10	n/a	n/a	n/a	1	487.6	n/a	n/a	n/a	1
23.20	11	n/a	n/a	n/a	1	468.4	n/a	n/a	n/a	1
23.40	7	5.6	13	1	5	449.2	16	449.4	449.1	3
23.60	8	4.4	13	1	5	430.3	12	430.3	430.0	7
23.80	8	4.6	16	0	11	411.1	14	411.4	410.9	11
24.00	12	4.5	23	7	11	392.1	22	392.4	391.6	11
24.20	14	4.7	27	9	13	373.0	58	373.4	372.2	13
24.40	16	4.7	30	12	15	354.0	24	354.3	353.7	15
24.60	20	5.5	32	14	16	335.0	27	335.4	334.5	16
24.80	23	5.9	34	15	16	316.1	13	316.2	315.7	16
25.00	27	6.4	40	18	16	297.1	11	297.3	296.9	16
25.20	32	6.9	46	23	16	278.1	14	278.4	277.9	16
25.40	39	8.4	55	27	16	259.1	14	259.5	259.0	16
25.60	48	10.2	65	33	16	240.3	16	240.6	240.1	16
25.80	57	11.6	78	42	16	221.4	20	221.8	221.2	16
26.00	69	11.8	87	54	15	202.6	18	202.9	202.4	15
26.20	83	10.7	105	67	15	183.8	18	184.2	183.6	15
26.40	98	13.8	123	79	13	165.0	23	165.4	164.7	13
26.60	132	32.4	161	97	3	146.5	30	147.0	146.0	3

SIGMA -T	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
22.60	14.26	n/a	n/a	n/a	1	525.3	n/a	n/a	n/a	1
22.80	14.11	n/a	n/a	n/a	1	505.9	n/a	n/a	n/a	1
23.00	13.96	n/a	n/a	n/a	1	487.0	n/a	n/a	n/a	1
23.20	13.78	n/a	n/a	n/a	1	468.1	n/a	n/a	n/a	1
23.40	13.87	.491	14.44	13.58	3	448.5	.39	449.2	448.2	3
23.60	13.29	.831	14.36	11.72	7	429.5	.53	430.0	428.4	7
23.80	13.28	.958	14.39	11.36	11	410.6	.56	411.4	409.4	11
24.00	13.69	.887	13.84	11.04	11	391.8	.59	392.4	390.8	11
24.20	13.05	.791	13.00	10.61	13	373.1	.60	373.6	372.1	13
24.40	11.59	.668	12.24	10.11	15	354.4	.28	354.9	353.9	15
24.60	10.75	.548	11.49	9.67	16	335.6	.46	336.1	335.1	16
24.80	10.09	.502	11.02	9.32	16	316.7	.33	317.2	316.2	16
25.00	9.43	.450	10.33	8.91	16	298.0	.57	298.6	297.6	16
25.20	8.85	.439	9.71	8.41	16	279.3	.73	279.9	278.6	16
25.40	8.41	.392	9.14	7.89	16	260.6	.45	261.2	260.0	16
25.60	8.02	.311	8.47	7.40	16	241.9	.90	242.5	241.4	16
25.80	7.80	.327	8.13	7.23	16	223.3	.54	223.9	222.8	16
26.00	7.57	.342	7.93	7.07	15	204.7	.65	205.2	204.1	15
26.20	7.34	.356	7.78	6.99	15	186.1	.51	186.5	185.5	15
26.40	7.05	.323	7.44	6.73	13	167.5	.36	168.0	167.1	13
26.60	6.71	.127	6.85	6.61	3	148.5	.11	148.6	148.4	3

STATION 4P02 J U L Y 1956 to 1990

SIGMA -T	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	.580	n/a	n/a	n/a	1	.03	n/a	n/a	n/a	1
22.80	.610	n/a	n/a	n/a	1	.03	n/a	n/a	n/a	1
23.00	.630	n/a	n/a	n/a	1	.03	n/a	n/a	n/a	1
23.20	.670	n/a	n/a	n/a	1	.03	n/a	n/a	n/a	1
23.40	.377	.3353	.720	.050	3	.02	.021	.04	.00	3
23.60	.380	.3399	.770	.020	7	.02	.018	.05	.00	7
23.80	.369	.3373	.810	.000	11	.02	.021	.06	.00	11
24.00	.519	.3198	.970	.290	11	.03	.029	.11	.01	11
24.20	.606	.3244	1.150	.380	13	.05	.038	.16	.02	13
24.40	.674	.3304	1.260	.500	15	.06	.041	.19	.03	15
24.60	.791	.3255	1.330	.540	16	.08	.049	.21	.04	16
24.80	.881	.3310	1.380	.580	16	.10	.054	.23	.04	16
25.00	.994	.3402	1.560	.710	16	.13	.065	.30	.06	16
25.20	1.147	.3448	1.730	.820	16	.18	.078	.37	.08	16
25.40	1.353	.3744	1.990	.960	16	.26	.108	.51	.12	16
25.60	1.581	.3973	2.190	1.110	16	.36	.148	.63	.16	16
25.80	1.791	.3372	2.490	1.360	16	.48	.193	.84	.26	15
26.00	2.033	.3365	2.670	1.590	15	.64	.250	.99	.38	15
26.20	2.301	.3196	2.790	1.840	13	.84	.319	1.28	.50	13
26.40	2.568	.3719	3.150	2.050	13	1.10	.411	1.65	.60	13
26.60	3.100	.6426	3.580	2.370	3	1.81	.752	2.45	.98	3

SIGMA -T	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	1500	n/a	n/a	n/a	1
22.80	n/a	n/a	n/a	n/a	0	1499	n/a	n/a	n/a	1
23.00	n/a	n/a	n/a	n/a	0	1499	n/a	n/a	n/a	1
23.20	n/a	n/a	n/a	n/a	0	1499	n/a	n/a	n/a	1
23.40	n/a	n/a	n/a	n/a	0	1498	1.7	1501	1496	3
23.60	n/a	n/a	n/a	n/a	0	1497	3.9	1501	1491	7
23.80	n/a	n/a	n/a	n/a	0	1498	3.4	1502	1491	11
24.00	n/a	n/a	n/a	n/a	0	1496	3.3	1500	1490	11
24.20	n/a	n/a	n/a	n/a	0	1494	3.3	1498	1488	13
24.40	n/a	n/a	n/a	n/a	0	1492	3.6	1495	1487	15
24.60	n/a	n/a	n/a	n/a	0	1490	3.3	1493	1485	16
24.80	n/a	n/a	n/a	n/a	0	1488	3.3	1491	1482	16
25.00	n/a	n/a	n/a	n/a	0	1485	3.3	1489	1482	16
25.20	n/a	n/a	n/a	n/a	0	1483	3.6	1487	1480	16
25.40	n/a	n/a	n/a	n/a	0	1482	3.6	1485	1480	16
25.60	n/a	n/a	n/a	n/a	0	1481	3.2	1483	1479	16
25.80	n/a	n/a	n/a	n/a	0	1481	3.0	1483	1478	16
26.00	n/a	n/a	n/a	n/a	0	1480	3.1	1483	1478	15
26.20	n/a	n/a	n/a	n/a	0	1480	3.1	1483	1478	13
26.40	n/a	n/a	n/a	n/a	0	1479	3.1	1481	1478	13
26.60	n/a	n/a	n/a	n/a	0	1479	3.2	1480	1478	3

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TEMPERATURE

SIGMA -T	MEAN	S.D.	MAX	MIN	N
22.60	13.67	n/a	n/a	n/a	1
22.80	13.53	n/a	n/a	n/a	1
23.00	13.45	n/a	n/a	n/a	1
23.20	14.46	1.506	15.52	13.39	2
23.40	13.87	.941	14.86	12.34	6
23.60	13.20	.753	14.22	12.28	7
23.80	13.08	1.015	14.65	11.89	10
24.00	12.66	.902	14.04	10.80	16
24.20	12.08	.884	13.49	10.33	18
24.40	11.47	.741	12.73	10.21	23
24.60	10.78	.662	11.92	9.65	23
24.80	10.16	.579	11.19	9.22	23
25.00	9.55	.485	10.37	8.75	23
25.20	8.97	.397	9.86	8.31	23
25.40	8.44	.349	9.27	7.82	23
25.60	8.04	.387	8.74	7.23	23
25.80	7.74	.395	8.38	6.74	23
26.00	7.49	.314	8.09	6.86	21
26.20	7.30	.248	7.74	6.93	21
26.40	7.06	.216	7.38	6.68	15
26.60	6.60	.140	6.71	6.40	5

SALINITY

SIGMA -T	MEAN	S.D.	MAX	MIN	N
22.60	30.500	n/a	n/a	n/a	1
22.80	30.887	n/a	n/a	n/a	1
23.00	31.117	n/a	n/a	n/a	1
23.20	31.401	.1683	31.520	31.282	2
23.40	31.443	.2938	31.800	30.940	6
23.60	31.539	.2427	31.924	31.184	7
23.80	31.748	.2795	32.118	31.364	10
24.00	31.871	.2326	32.184	31.376	16
24.20	31.984	.2005	32.279	31.519	18
24.40	32.085	.1646	32.363	31.744	23
24.60	32.178	.1568	32.440	31.885	23
24.80	32.283	.1402	32.507	32.072	23
25.00	32.398	.1085	32.574	32.237	23
25.20	32.522	.0786	32.698	32.385	23
25.40	32.673	.0656	32.829	32.548	23
25.60	32.851	.0699	32.988	32.721	23
25.80	33.052	.0705	33.164	32.889	23
26.00	33.261	.0555	33.367	33.154	21
26.20	33.479	.0438	33.556	33.411	21
26.40	33.692	.0377	33.744	33.625	15
26.60	33.865	.0243	33.884	33.830	5

DEPTH

SIGMA -T	MEAN	S.D.	MAX	MIN	N
22.60	1	n/a	n/a	n/a	1
22.80	3	n/a	n/a	n/a	1
23.00	4	n/a	n/a	n/a	1
23.20	8	2.1	9	6	2
23.40	7	3.7	11	1	6
23.60	8	5.1	18	3	7
23.80	10	5.6	21	3	10
24.00	10	6.3	22	1	16
24.20	12	6.7	24	3	18
24.40	14	7.0	31	1	23
24.60	17	8.4	40	2	23
24.80	20	9.2	44	3	23
25.00	23	10.1	48	4	23
25.20	28	11.8	54	9	23
25.40	36	17.8	83	15	23
25.60	44	19.4	90	23	23
25.80	53	18.6	99	33	23
26.00	63	12.7	87	44	21
26.20	76	12.6	98	58	21
26.40	88	11.2	108	68	15
26.60	95	14.0	115	76	5

SVA

SIGMA -T	MEAN	S.D.	MAX	MIN	N
22.60	525.4	n/a	n/a	n/a	1
22.80	506.0	n/a	n/a	n/a	1
23.00	486.8	n/a	n/a	n/a	1
23.20	468.1	.49	468.5	467.8	2
23.40	449.2	.26	449.4	448.8	6
23.60	430.1	.35	430.5	429.4	7
23.80	411.1	.37	411.4	410.1	10
24.00	392.0	.31	392.3	391.0	16
24.20	372.9	.29	373.4	372.1	18
24.40	353.9	.56	354.4	353.3	23
24.60	334.9	.28	335.5	334.5	23
24.80	315.9	.27	316.5	315.4	23
25.00	297.0	.25	297.5	296.5	23
25.20	278.1	.21	278.6	277.7	23
25.40	259.2	.29	260.0	258.8	23
25.60	240.2	.32	241.1	239.9	23
25.80	221.4	.33	222.2	221.0	23
26.00	202.5	.25	203.0	202.2	21
26.20	183.7	.22	184.1	183.4	21
26.40	164.9	.19	165.2	164.5	15
26.60	146.0	.25	146.3	145.6	5

THETA

SIGMA -T	MEAN	S.D.	MAX	MIN	N
22.60	13.67	n/a	n/a	n/a	1
22.80	13.53	n/a	n/a	n/a	1
23.00	13.45	n/a	n/a	n/a	1
23.20	14.46	1.506	15.52	13.39	2
23.40	13.87	.939	14.85	12.34	6
23.60	13.20	.753	14.22	12.28	7
23.80	13.08	1.015	14.65	11.89	10
24.00	12.66	.901	14.04	10.80	16
24.20	12.08	.885	13.49	10.33	18
24.40	11.46	.741	12.73	10.21	23
24.60	10.78	.662	11.92	9.65	23
24.80	10.16	.579	11.19	9.22	23
25.00	9.55	.486	10.37	8.75	23
25.20	8.96	.398	9.86	8.31	23
25.40	8.44	.348	9.26	7.81	23
25.60	8.03	.386	8.73	7.23	23
25.80	7.73	.394	8.37	6.74	23
26.00	7.48	.313	8.08	6.86	21
26.20	7.29	.248	7.73	6.92	21
26.40	7.06	.214	7.37	6.68	15
26.60	6.59	.138	6.70	6.40	5

SVA (THETA)

SIGMA -T	MEAN	S.D.	MAX	MIN	N
22.60	505.6	n/a	n/a	n/a	1
22.80	474.6	n/a	n/a	n/a	1
23.00	456.1	n/a	n/a	n/a	1
23.20	455.3	17.54	467.7	442.9	2
23.40	440.6	13.59	449.0	416.2	6
23.60	420.6	15.39	430.0	387.6	7
23.80	403.3	12.99	410.9	369.0	10
24.00	386.4	9.20	391.9	355.4	16
24.20	367.6	7.67	372.6	344.6	18
24.40	349.4	5.29	353.5	335.8	23
24.60	330.9	4.21	334.6	317.6	23
24.80	313.0	3.34	315.6	302.6	23
25.00	294.9	2.01	296.6	287.9	23
25.20	276.9	1.19	277.6	273.2	23
25.40	258.0	.72	258.5	255.9	23
25.60	239.0	.72	239.5	236.4	23
25.80	220.0	1.01	220.5	216.8	23
26.00	201.1	.93	201.5	197.8	21
26.20	182.2	.45	182.5	180.7	21
26.40	163.2	.32	163.5	162.4	15
26.60	144.4	.22	144.5	144.0	5

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SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	.050	n/a	n/a	n/a	1	.00	n/a	n/a	n/a	1
22.80	.130	n/a	n/a	n/a	1	.00	n/a	n/a	n/a	1
23.00	.220	n/a	n/a	n/a	1	.00	n/a	n/a	n/a	1
23.20	.375	.1061	.450	.300	2	.01	.007	.02	.01	2
23.40	.317	.1595	.480	.060	6	.01	.010	.03	.00	6
23.60	.381	.2394	.820	.120	7	.02	.028	.08	.00	7
23.80	.444	.2561	.940	.110	10	.03	.030	.10	.00	10
24.00	.424	.2852	1.000	.030	16	.03	.033	.11	.00	16
24.20	.513	.2936	1.050	.130	18	.04	.040	.12	.00	18
24.40	.554	.3061	1.260	.020	23	.05	.050	.19	.00	23
24.60	.662	.3459	1.570	.070	23	.07	.071	.31	.00	23
24.80	.754	.3709	1.690	.110	23	.09	.083	.36	.00	23
25.00	.857	.3992	1.810	.150	23	.11	.101	.42	.00	23
25.20	.994	.4426	1.990	.280	23	.15	.130	.51	.01	23
25.40	1.217	.5967	2.770	.450	23	.25	.259	1.05	.03	23
25.60	1.406	.6381	2.960	.660	23	.33	.320	1.22	.08	23
25.80	1.625	.6220	3.120	.890	23	.44	.355	1.38	.14	23
26.00	1.780	.4278	2.650	1.120	21	.52	.231	1.03	.24	21
26.20	2.050	.3956	2.880	1.370	21	.71	.245	1.20	.37	21
26.40	2.199	.3666	3.050	1.550	15	.85	.230	1.38	.48	15
26.60	2.164	.3084	2.630	1.850	5	.90	.247	1.28	.61	5

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	1498	n/a	n/a	n/a	1
22.80	n/a	n/a	n/a	n/a	0	1498	n/a	n/a	n/a	1
23.00	n/a	n/a	n/a	n/a	0	1498	n/a	n/a	n/a	1
23.20	n/a	n/a	n/a	n/a	0	1502	4.9	1505	1498	2
23.40	8.00	n/a	n/a	n/a	1	1500	3.4	1503	1494	6
23.60	7.53	n/a	n/a	n/a	1	1497	2.8	1501	1494	7
23.80	7.21	n/a	n/a	n/a	1	1497	3.6	1503	1493	10
24.00	6.98	n/a	n/a	n/a	1	1496	3.3	1501	1489	16
24.20	6.79	n/a	n/a	n/a	1	1494	3.3	1499	1487	18
24.40	6.64	n/a	n/a	n/a	1	1492	3.8	1497	1487	23
24.60	6.50	n/a	n/a	n/a	1	1490	3.6	1494	1485	23
24.80	6.23	n/a	n/a	n/a	1	1488	2.6	1492	1484	23
25.00	5.88	n/a	n/a	n/a	1	1486	1.9	1489	1483	23
25.20	5.61	n/a	n/a	n/a	1	1484	1.6	1487	1481	23
25.40	4.53	n/a	n/a	n/a	1	1482	1.5	1485	1480	23
25.60	3.77	n/a	n/a	n/a	1	1481	1.8	1484	1477	23
25.80	3.79	n/a	n/a	n/a	1	1480	1.7	1484	1476	23
26.00	3.81	n/a	n/a	n/a	1	1480	1.5	1483	1477	21
26.20	3.71	n/a	n/a	n/a	1	1480	1.5	1482	1478	21
26.40	3.36	n/a	n/a	n/a	1	1479	1.0	1480	1477	15
26.60	2.73	n/a	n/a	n/a	1	1477	.9	1478	1476	5

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	13.66	.806	14.23	13.09	2
23.60	12.81	.877	13.43	12.19	5
23.80	12.14	.929	13.71	11.18	7
24.00	12.21	1.356	14.02	10.61	10
24.20	11.78	1.140	13.49	10.16	12
24.40	11.24	.952	12.70	9.60	15
24.60	10.87	.930	12.18	9.17	17
24.80	10.33	.755	11.56	8.96	19
25.00	9.72	.582	10.92	8.72	19
25.20	9.17	.517	10.33	8.33	19
25.40	8.66	.495	9.69	7.83	19
25.60	8.19	.458	9.06	7.30	19
25.80	7.85	.337	8.36	7.21	19
26.00	7.57	.257	7.92	6.97	19
26.20	7.33	.245	7.65	6.75	18
26.40	7.13	.227	7.47	6.66	15
26.60	6.53	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
31.295	.2199	31.450	31.139	2
31.361	.1930	31.497	31.224	5
31.469	.2365	31.806	31.239	7
31.730	.3190	32.151	31.358	10
31.872	.2562	32.275	31.501	12
31.993	.2087	32.334	31.618	15
32.169	.1991	32.458	31.786	17
32.303	.1602	32.563	31.997	19
32.423	.1261	32.688	32.207	19
32.561	.1058	32.802	32.391	19
32.717	.0998	32.930	32.550	19
32.879	.0883	33.053	32.711	19
33.069	.0623	33.166	32.951	19
33.271	.0472	33.337	33.164	19
33.484	.0439	33.539	33.380	18
33.702	.0395	33.760	33.619	15
33.851	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	3	2.8	5	1	2
23.60	6	1.4	7	5	5
23.80	7	4.6	15	1	7
24.00	13	5.1	20	3	10
24.20	14	6.7	23	5	12
24.40	16	7.1	26	5	15
24.60	18	6.3	28	10	17
24.80	21	6.4	30	11	19
25.00	24	6.8	36	14	19
25.20	29	7.9	43	16	19
25.40	34	10.0	53	19	19
25.60	41	11.7	63	23	19
25.80	50	12.3	76	35	19
26.00	61	11.7	83	46	19
26.20	72	9.9	91	55	18
26.40	82	7.4	95	68	15
26.60	95	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
449.3	.13	449.3	449.2	2
430.1	.03	430.1	430.1	5
411.1	.16	411.3	410.9	7
392.1	.21	392.4	391.8	10
373.1	.20	373.4	372.7	12
354.1	.18	354.3	353.6	15
335.0	.17	335.3	334.6	17
316.0	.16	316.3	315.7	19
297.0	.14	297.3	296.8	19
278.1	.15	278.3	277.9	19
259.1	.13	259.4	258.9	19
240.2	.16	240.5	239.9	19
221.3	.16	221.7	221.1	19
202.5	.17	202.8	202.3	19
183.7	.13	183.9	183.4	18
164.8	.14	165.0	164.6	15
145.9	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	13.66	.806	14.23	13.09	2
23.60	12.81	.877	13.43	12.19	5
23.80	12.14	.929	13.71	11.18	7
24.00	12.21	1.356	14.02	10.61	10
24.20	11.78	1.140	13.49	10.16	12
24.40	11.23	.951	12.70	9.60	15
24.60	10.87	.931	12.18	9.17	17
24.80	10.33	.753	11.56	8.96	19
25.00	9.72	.583	10.92	8.71	19
25.20	9.16	.517	10.33	8.32	19
25.40	8.65	.495	9.68	7.82	19
25.60	8.19	.459	9.06	7.29	19
25.80	7.84	.340	8.36	7.20	19
26.00	7.56	.257	7.92	6.96	19
26.20	7.32	.243	7.64	6.74	18
26.40	7.12	.226	7.46	6.65	15
26.60	6.52	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
447.3	.64	447.7	446.8	2
426.5	1.77	427.8	425.3	5
406.6	3.88	410.6	399.4	7
389.2	3.38	391.9	381.2	10
370.8	2.04	372.8	365.1	12
352.3	2.19	353.8	345.0	15
333.1	1.87	334.7	327.3	17
314.3	1.28	315.6	311.3	19
295.7	.77	296.5	293.8	19
277.0	.42	277.5	275.9	19
257.9	.80	258.5	255.2	19
239.1	.57	239.5	237.3	19
220.2	.62	220.5	217.9	19
201.3	.32	201.5	200.2	19
182.3	.39	182.5	181.5	18
163.4	.20	163.5	162.7	15
144.5	n/a	n/a	n/a	1

STATION MP02 S E P T E M B E R 1956 to 1990

SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	.140	.1556	.250	.030	2	.00	.007	.01	.00	2
23.60	.280	.0566	.320	.240	2	.01	.000	.01	.01	2
23.80	.280	.2012	.640	.050	7	.01	.017	.05	.00	7
24.00	.525	.2052	.810	.120	10	.04	.025	.08	.00	10
24.20	.583	.2735	.930	.180	12	.05	.039	.11	.00	12
24.40	.614	.2883	1.050	.190	15	.06	.047	.14	.01	15
24.60	.703	.2563	1.100	.350	17	.07	.047	.15	.02	17
24.80	.766	.2706	1.150	.360	19	.09	.053	.17	.02	19
25.00	.865	.2815	1.320	.460	19	.11	.063	.22	.03	19
25.20	1.001	.3129	1.510	.520	19	.15	.081	.30	.04	19
25.40	1.145	.3669	1.790	.600	19	.20	.114	.44	.05	19
25.60	1.323	.4065	2.040	.740	19	.27	.155	.59	.08	19
25.80	1.534	.4102	2.330	1.000	19	.37	.186	.79	.16	19
26.00	1.773	.3860	2.480	1.240	19	.51	.203	.92	.27	19
26.20	1.974	.3212	2.640	1.420	18	.65	.187	1.06	.35	18
26.40	2.109	.2357	2.470	1.660	15	.76	.135	1.01	.50	15
26.60	2.080	n/a	n/a	n/a	1	.85	n/a	n/a	n/a	1

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	1499	3.5	1501	1496	2
23.60	n/a	n/a	n/a	n/a	0	1496	2.8	1498	1494	2
23.80	n/a	n/a	n/a	n/a	0	1494	3.4	1499	1490	7
24.00	n/a	n/a	n/a	n/a	0	1494	5.2	1501	1488	10
24.20	n/a	n/a	n/a	n/a	0	1493	4.3	1499	1487	12
24.40	n/a	n/a	n/a	n/a	0	1491	3.6	1497	1485	15
24.60	n/a	n/a	n/a	n/a	0	1490	3.6	1495	1484	17
24.80	n/a	n/a	n/a	n/a	0	1488	3.9	1493	1483	19
25.00	n/a	n/a	n/a	n/a	0	1486	3.2	1491	1483	19
25.20	n/a	n/a	n/a	n/a	0	1485	2.0	1489	1481	19
25.40	n/a	n/a	n/a	n/a	0	1483	2.0	1487	1480	19
25.60	n/a	n/a	n/a	n/a	0	1482	1.8	1485	1478	19
25.80	n/a	n/a	n/a	n/a	0	1481	1.3	1483	1478	19
26.00	n/a	n/a	n/a	n/a	0	1480	1.0	1481	1478	19
26.20	n/a	n/a	n/a	n/a	0	1480	1.1	1481	1477	18
26.40	n/a	n/a	n/a	n/a	0	1479	1.0	1481	1477	15
26.60	n/a	n/a	n/a	n/a	0	1477	n/a	n/a	n/a	1

STATION MP02 O C T O B E R 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	11.74	n/a	n/a	n/a	1
24.00	11.67	n/a	n/a	n/a	1
24.20	11.60	.965	12.56	10.63	3
24.40	11.18	1.172	12.55	9.81	5
24.60	10.92	1.147	12.40	9.52	6
24.80	10.27	.984	11.76	9.17	6
25.00	9.98	.893	11.55	8.78	10
25.20	9.40	.694	10.64	8.44	10
25.40	8.85	.591	9.84	8.15	10
25.60	8.41	.457	9.15	7.83	10
25.80	8.05	.333	8.53	7.58	10
26.00	7.74	.259	8.01	7.38	10
26.20	7.51	.186	7.75	7.21	8
26.40	7.25	.171	7.52	7.06	5
26.60	7.02	n/a	n/a	n/a	1

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	31.313	n/a	n/a	n/a	1
24.00	31.573	n/a	n/a	n/a	1
24.20	31.817	.2081	32.030	31.614	3
24.40	31.989	.2540	32.284	31.698	5
24.60	32.175	.2511	32.507	31.876	6
24.80	32.285	.2158	32.620	32.052	6
25.00	32.480	.2020	32.871	32.223	10
25.20	32.608	.1453	32.865	32.410	10
25.40	32.755	.1191	32.951	32.610	10
25.60	32.929	.0895	33.065	32.807	10
25.80	33.113	.0632	33.196	33.017	10
26.00	33.302	.0482	33.354	33.235	10
26.20	33.518	.0299	33.557	33.460	8
26.40	33.723	.0300	33.771	33.691	5
26.60	33.936	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	14	n/a	n/a	n/a	1
24.00	17	n/a	n/a	n/a	1
24.20	10	8.5	19	2	3
24.40	15	9.0	26	7	5
24.60	16	10.5	30	6	6
24.80	21	11.9	39	11	6
25.00	21	12.7	46	1	10
25.20	27	12.2	51	10	10
25.40	34	11.9	56	15	10
25.60	42	12.3	62	20	10
25.80	52	13.0	72	30	10
26.00	62	17.5	91	37	10
26.20	69	13.6	91	50	8
26.40	84	17.2	109	70	5
26.60	154	n/a	n/a	n/a	1

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	411.3	n/a	n/a	n/a	1
24.00	392.2	n/a	n/a	n/a	1
24.20	373.0	.16	373.2	372.9	3
24.40	354.1	.24	354.4	353.8	5
24.60	335.0	.24	335.4	334.8	6
24.80	316.1	.22	316.4	315.9	6
25.00	297.0	.23	297.5	296.7	10
25.20	278.1	.23	278.5	277.8	10
25.40	259.2	.21	259.6	258.9	10
25.60	240.2	.23	240.6	239.9	10
25.80	221.4	.23	221.8	221.1	10
26.00	202.5	.25	202.9	202.2	10
26.20	183.6	.23	184.0	183.4	8
26.40	164.9	.28	165.3	164.7	5
26.60	146.9	n/a	n/a	n/a	1

THETA

SIGMA -T	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	11.74	n/a	n/a	n/a	1
24.00	11.67	n/a	n/a	n/a	1
24.20	11.60	.965	12.56	10.63	3
24.40	11.18	1.168	12.54	9.81	5
24.60	10.92	1.147	12.40	9.52	6
24.80	10.27	.981	11.75	9.17	6
25.00	9.98	.893	11.55	8.78	10
25.20	9.40	.692	10.64	8.44	10
25.40	8.84	.592	9.84	8.15	10
25.60	8.41	.457	9.15	7.83	10
25.80	8.04	.334	8.52	7.57	10
26.00	7.73	.261	8.01	7.37	10
26.20	7.50	.188	7.74	7.20	8
26.40	7.25	.168	7.51	7.06	5
26.60	7.01	n/a	n/a	n/a	1

SVA (THETA)

SIGMA -T	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	410.8	n/a	n/a	n/a	1
24.00	390.3	n/a	n/a	n/a	1
24.20	371.5	1.38	372.5	369.9	3
24.40	351.9	1.31	353.5	350.7	5
24.60	333.8	.90	334.6	332.6	6
24.80	314.9	.34	315.5	314.6	6
25.00	295.7	1.23	296.6	292.5	10
25.20	277.1	.65	277.6	275.4	10
25.40	257.9	1.27	258.5	254.3	10
25.60	238.6	1.76	239.5	234.4	10
25.80	219.7	1.42	220.5	216.9	10
26.00	201.3	.17	201.5	200.9	10
26.20	182.1	.71	182.5	180.6	8
26.40	163.4	.09	163.5	163.3	5
26.60	144.4	n/a	n/a	n/a	1

STATION MP02 O C T O B E R 1956 to 1990

SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	.600	n/a	n/a	n/a	1	.04	n/a	n/a	n/a	1
24.00	.710	n/a	n/a	n/a	1	.06	n/a	n/a	n/a	1
24.20	.400	.3601	.790	.080	3	.03	.044	.08	.00	3
24.40	.566	.3528	.960	.240	5	.06	.055	.13	.01	5
24.60	.605	.4026	1.150	.210	6	.07	.076	.17	.01	6
24.80	.763	.4583	1.480	.380	6	.10	.111	.28	.02	6
25.00	.721	.4641	1.670	.040	10	.10	.114	.36	.00	10
25.20	.885	.4525	1.830	.280	10	.14	.136	.44	.01	10
25.40	1.075	.4398	1.950	.430	10	.20	.150	.51	.03	10
25.60	1.284	.4476	2.050	.540	10	.28	.171	.58	.05	10
25.80	1.512	.4634	2.350	.780	10	.39	.205	.77	.11	10
26.00	1.722	.5342	2.570	.930	10	.53	.291	.97	.16	10
26.20	1.815	.4681	2.730	1.190	8	.59	.255	1.08	.28	8
26.40	1.974	.4013	2.440	1.540	5	.76	.310	1.20	.50	5
26.60	3.280	n/a	n/a	n/a	1	2.15	n/a	n/a	n/a	1

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	1492	n/a	n/a	n/a	1
24.00	n/a	n/a	n/a	n/a	0	1496	n/a	n/a	n/a	1
24.20	n/a	n/a	n/a	n/a	0	1492	4.0	1496	1488	3
24.40	n/a	n/a	n/a	n/a	0	1491	4.4	1496	1486	5
24.60	n/a	n/a	n/a	n/a	0	1490	4.5	1496	1485	6
24.80	n/a	n/a	n/a	n/a	0	1488	3.9	1494	1484	6
25.00	n/a	n/a	n/a	n/a	0	1487	3.3	1493	1483	10
25.20	n/a	n/a	n/a	n/a	0	1486	2.6	1490	1482	10
25.40	n/a	n/a	n/a	n/a	0	1484	2.3	1488	1481	10
25.60	n/a	n/a	n/a	n/a	0	1482	1.8	1485	1480	10
25.80	n/a	n/a	n/a	n/a	0	1482	1.3	1483	1480	10
26.00	n/a	n/a	n/a	n/a	0	1481	.9	1482	1480	10
26.20	n/a	n/a	n/a	n/a	0	1480	.8	1481	1479	8
26.40	n/a	n/a	n/a	n/a	0	1480	.9	1481	1479	5
26.60	n/a	n/a	n/a	n/a	0	1480	n/a	n/a	n/a	1

STATION MP02 N O V E M B E R 1956 to 1990

SIGMA -T.	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	11.37	n/a	n/a	n/a	1	32.258	n/a	n/a	n/a	1
24.80	10.54	.358	10.92	10.10	5	32.331	.0777	32.416	32.240	5
25.00	9.92	.683	10.63	8.71	6	32.456	.1433	32.610	32.205	6
25.20	9.36	.596	10.25	8.47	8	32.595	.1228	32.782	32.415	8
25.40	9.05	.440	9.85	8.66	8	32.787	.0886	32.949	32.710	8
25.60	8.60	.254	9.09	8.27	7	32.953	.0493	33.049	32.891	7
25.80	8.24	.178	8.34	7.88	6	33.138	.0335	33.157	33.070	6
26.00	7.91	.257	8.06	7.53	4	33.333	.0486	33.362	33.261	4
26.20	7.61	.281	7.79	7.19	4	33.532	.0501	33.566	33.458	4
26.40	7.22	.467	7.55	6.89	2	33.718	.0829	33.776	33.659	2
26.60	7.02	n/a	n/a	n/a	1	33.936	n/a	n/a	n/a	1

SIGMA -T.	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	51	n/a	n/a	n/a	1	335.8	n/a	n/a	n/a	1
24.80	41	18.8	62	22	5	316.5	.38	316.9	316.1	5
25.00	43	16.8	66	26	6	297.5	.34	297.9	297.1	6
25.20	49	13.4	69	31	8	278.5	.28	278.9	278.1	8
25.40	62	13.0	74	34	8	259.7	.25	260.0	259.2	8
25.60	76	20.9	103	40	7	240.9	.39	241.3	240.2	7
25.80	82	21.5	110	50	6	221.9	.40	222.4	221.3	6
26.00	92	15.2	101	69	4	203.0	.30	203.2	202.6	4
26.20	104	13.5	115	84	4	184.2	.27	184.4	183.8	4
26.40	118	33.2	141	94	2	165.3	.64	165.8	164.9	2
26.60	183	n/a	n/a	n/a	1	147.4	n/a	n/a	n/a	1

SIGMA -T.	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	11.36	n/a	n/a	n/a	1	334.5	n/a	n/a	n/a	1
24.80	10.53	.353	10.91	10.10	5	315.4	.21	315.6	315.1	5
25.00	9.91	.681	10.62	8.71	6	296.3	.14	296.5	296.2	6
25.20	9.36	.594	10.24	8.47	8	277.4	.13	277.5	277.2	8
25.40	9.04	.438	9.84	8.66	8	258.4	.10	258.5	258.3	8
25.60	8.59	.254	9.08	8.26	7	239.4	.15	239.5	239.1	7
25.80	8.23	.178	8.33	7.87	6	220.4	.05	220.5	220.3	6
26.00	7.90	.257	8.05	7.52	4	201.4	.12	201.5	201.2	4
26.20	7.60	.275	7.78	7.19	4	182.3	.09	182.4	182.2	4
26.40	7.21	.467	7.54	6.88	2	163.4	.03	163.4	163.4	2
26.60	7.01	n/a	n/a	n/a	1	144.4	n/a	n/a	n/a	1

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SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	1.740	n/a	n/a	n/a	1	.46	n/a	n/a	n/a	1
24.80	1.334	.6332	2.010	.700	5	.33	.263	.64	.08	5
25.00	1.408	.5703	2.140	.850	6	.35	.262	.72	.11	6
25.20	1.523	.4593	2.220	.980	8	.40	.224	.77	.15	8
25.40	1.885	.4087	2.370	1.080	8	.60	.222	.89	.18	8
25.60	2.204	.5871	2.890	1.210	7	.87	.414	1.44	.23	7
25.80	2.305	.5504	3.070	1.440	6	.97	.445	1.63	.34	6
26.00	2.453	.4102	2.710	1.840	4	1.10	.348	1.31	.58	4
26.20	2.695	.3686	2.960	2.150	4	1.34	.350	1.60	.82	4
26.40	2.875	.7707	3.420	2.330	2	1.60	.863	2.21	.99	2
26.60	4.080	n/a	n/a	n/a	1	3.30	n/a	n/a	n/a	1

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	1493	n/a	n/a	n/a	1
24.80	n/a	n/a	n/a	n/a	0	1490	1.3	1491	1488	5
25.00	n/a	n/a	n/a	n/a	0	1488	2.8	1491	1483	6
25.20	n/a	n/a	n/a	n/a	0	1486	2.7	1490	1482	8
25.40	n/a	n/a	n/a	n/a	0	1485	1.7	1488	1483	8
25.60	n/a	n/a	n/a	n/a	0	1484	1.3	1486	1482	7
25.80	n/a	n/a	n/a	n/a	0	1483	1.0	1484	1481	6
26.00	n/a	n/a	n/a	n/a	0	1482	1.4	1483	1480	4
26.20	n/a	n/a	n/a	n/a	0	1481	1.5	1482	1479	4
26.40	n/a	n/a	n/a	n/a	0	1480	2.8	1482	1478	2
26.60	n/a	n/a	n/a	n/a	0	1481	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	10.61	.608	11.04	10.18	2
24.40	10.80	.651	11.26	10.34	2
24.60	10.15	1.092	11.33	8.60	6
24.80	10.18	1.084	11.60	8.54	9
25.00	9.42	.881	10.85	8.20	8
25.20	9.14	.750	10.50	8.18	8
25.40	8.56	.471	9.26	8.08	6
25.60	8.30	.415	8.89	7.90	5
25.80	7.95	.235	8.18	7.71	3
26.00	7.73	n/a	n/a	n/a	1
26.20	7.52	n/a	n/a	n/a	1
26.40	7.27	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	31.575	.1308	31.668	31.483	2
24.40	31.880	.1342	31.975	31.785	2
24.60	31.998	.2288	32.250	31.686	6
24.80	32.258	.2301	32.571	31.915	9
25.00	32.353	.1807	32.656	32.108	8
25.20	32.550	.1541	32.835	32.360	8
25.40	32.690	.0909	32.827	32.599	6
25.60	32.894	.0799	33.009	32.818	5
25.80	33.084	.0432	33.126	33.039	3
26.00	33.301	n/a	n/a	n/a	1
26.20	33.515	n/a	n/a	n/a	1
26.40	33.726	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	6	1.4	7	5	2
24.40	18	7.1	23	13	2
24.60	24	25.2	74	7	6
24.80	50	28.0	99	15	9
25.00	49	11.5	62	28	8
25.20	64	7.1	73	49	8
25.40	71	6.7	81	60	6
25.60	82	5.6	90	75	5
25.80	98	6.1	102	91	3
26.00	114	n/a	n/a	n/a	1
26.20	125	n/a	n/a	n/a	1
26.40	147	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	373.0	.00	373.0	373.0	2
24.40	354.1	.22	354.3	354.0	2
24.60	335.2	.54	336.3	334.9	6
24.80	316.7	.63	317.8	315.9	9
25.00	297.5	.26	297.8	297.1	8
25.20	278.7	.17	278.9	278.4	8
25.40	259.8	.16	260.0	259.5	6
25.60	240.9	.19	241.2	240.7	5
25.80	222.1	.12	222.2	222.0	3
26.00	203.3	n/a	n/a	n/a	1
26.20	184.5	n/a	n/a	n/a	1
26.40	165.8	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	10.61	.608	11.04	10.18	2
24.40	10.80	.643	11.25	10.34	2
24.60	10.15	1.094	11.33	8.59	6
24.80	10.17	1.082	11.59	8.53	9
25.00	9.41	.879	10.85	8.20	8
25.20	9.13	.748	10.49	8.18	8
25.40	8.55	.467	9.25	8.08	6
25.60	8.29	.415	8.88	7.89	5
25.80	7.94	.235	8.17	7.70	3
26.00	7.72	n/a	n/a	n/a	1
26.20	7.51	n/a	n/a	n/a	1
26.40	7.26	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	372.6	.19	372.7	372.4	2
24.40	353.1	.71	353.6	352.6	2
24.60	334.3	.45	334.7	333.5	6
24.80	315.5	.14	315.6	315.2	9
25.00	296.4	.21	296.6	296.0	8
25.20	277.4	.24	277.5	276.8	8
25.40	258.4	.05	258.5	258.3	6
25.60	239.4	.06	239.5	239.3	5
25.80	220.4	.04	220.4	220.3	3
26.00	201.1	n/a	n/a	n/a	1
26.20	182.4	n/a	n/a	n/a	1
26.40	163.4	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0

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SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	.235	.0354	.260	.210	2	.01	.000	.01	.01	2
24.40	.660	.2546	.840	.480	2	.07	.049	.10	.03	2
24.60	.835	.8883	2.610	.250	6	.19	.381	.97	.01	6
24.80	1.679	.9563	3.290	.510	9	.55	.592	1.66	.04	9
25.00	1.595	.3806	1.990	.910	8	.42	.176	.63	.13	8
25.20	2.022	.2365	2.360	1.540	8	.65	.139	.84	.37	8
25.40	2.212	.2384	2.580	1.830	6	.78	.149	1.01	.54	6
25.60	2.496	.2144	2.810	2.210	5	1.00	.150	1.21	.80	5
25.80	2.847	.1266	2.960	2.710	3	1.33	.150	1.43	1.16	3
26.00	3.130	n/a	n/a	n/a	1	1.70	n/a	n/a	n/a	1
26.20	3.330	n/a	n/a	n/a	1	1.95	n/a	n/a	n/a	1
26.40	3.740	n/a	n/a	n/a	1	2.51	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D	MAX	MIN	N
22.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
22.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0	1489	2.1	1490	1487	2
24.40	n/a	n/a	n/a	n/a	0	1490	2.1	1491	1488	2
24.60	n/a	n/a	n/a	n/a	0	1488	4.7	1493	1481	6
24.80	n/a	n/a	n/a	n/a	0	1488	4.9	1495	1481	9
25.00	n/a	n/a	n/a	n/a	0	1486	3.7	1491	1480	8
25.20	n/a	n/a	n/a	n/a	0	1485	3.0	1490	1481	8
25.40	n/a	n/a	n/a	n/a	0	1483	2.1	1486	1481	6
25.60	n/a	n/a	n/a	n/a	0	1483	1.7	1485	1481	5
25.80	n/a	n/a	n/a	n/a	0	1482	1.0	1483	1481	3
26.00	n/a	n/a	n/a	n/a	0	1482	n/a	n/a	n/a	1
26.20	n/a	n/a	n/a	n/a	0	1481	n/a	n/a	n/a	1
26.40	n/a	n/a	n/a	n/a	0	1481	n/a	n/a	n/a	1
26.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

Table 12. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA DH at standard pressures, using all data, for Station 3 (P04).

Table 12 : STATION MP04 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.32	2.529	18.60	6.40	276
10	11.13	2.409	18.23	6.74	276
20	10.58	2.068	17.27	6.75	276
30	9.78	1.526	15.00	6.78	276
50	8.71	.936	11.90	6.85	276
75	8.10	.693	10.42	6.79	276
100	7.85	.530	10.21	6.72	275
125	7.64	.457	9.76	6.51	275
150	7.40	.395	9.01	6.23	275
175	7.16	.378	8.58	5.96	275
200	6.92	.375	8.13	5.74	275
225	6.66	.379	7.83	5.54	274
250	6.43	.364	7.66	5.42	274
300	6.02	.344	7.15	5.04	274
400	5.37	.287	6.60	4.60	265
500	4.90	.202	5.58	4.27	260
600	4.53	.155	5.05	4.13	254
700	4.23	.126	4.62	3.89	252
800	3.98	.111	4.48	3.65	249
900	3.74	.098	3.97	3.37	247
1000	3.51	.091	3.73	3.22	239
1200	3.09	.086	3.29	2.84	177
1500	2.61	.113	2.69	2.53	2

SALINITY

MEAN	S.D.	MAX	MIN	N
31.969	.4690	33.123	29.704	276
32.008	.3930	32.629	30.186	276
32.143	.2792	32.630	30.743	276
32.286	.2002	32.670	31.351	276
32.501	.1655	33.127	31.960	276
32.850	.2748	33.540	32.315	276
33.304	.2627	33.775	32.582	275
33.621	.1579	33.891	32.969	275
33.791	.0853	34.017	33.470	275
33.875	.0525	34.062	33.684	275
33.918	.0387	34.088	33.774	275
33.939	.0341	34.100	33.839	274
33.955	.0330	34.120	33.860	274
33.983	.0328	34.130	33.880	274
34.034	.0305	34.159	33.951	265
34.098	.0324	34.188	33.999	260
34.169	.0313	34.266	34.086	254
34.236	.0309	34.357	34.143	252
34.296	.0290	34.427	34.165	249
34.347	.0288	34.485	34.222	247
34.388	.0296	34.536	34.191	239
34.449	.0273	34.533	34.231	177
34.534	.0327	34.557	34.511	2

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.353	.5954	25.466	22.844	276
10	24.422	.5419	25.388	22.922	276
20	24.629	.4558	25.407	23.144	276
30	24.884	.3274	25.489	23.742	276
50	25.228	.2202	25.829	24.644	276
75	25.594	.2598	26.193	25.018	276
100	25.987	.2336	26.406	25.138	275
125	26.265	.1527	26.590	25.430	275
150	26.432	.0980	26.654	26.027	275
175	26.532	.0749	26.714	26.232	275
200	26.600	.0633	26.759	26.339	275
225	26.651	.0573	26.798	26.456	274
250	26.694	.0534	26.839	26.515	274
300	26.768	.0492	26.889	26.589	274
400	26.889	.0445	27.005	26.698	265
500	26.995	.0396	27.092	26.849	260
600	27.092	.0348	27.175	26.968	254
700	27.176	.0308	27.267	27.066	252
800	27.251	.0281	27.346	27.161	249
900	27.316	.0270	27.420	27.210	247
1000	27.371	.0269	27.480	27.207	239
1200	27.460	.0247	27.526	27.275	177
1500	27.570	.0360	27.595	27.545	2

SVA

MEAN	S.D.	MAX	MIN	N
358.3	56.75	502.3	252.3	276
352.0	51.67	495.2	259.9	276
332.4	43.49	474.2	258.3	276
308.3	31.24	417.3	250.6	276
275.8	21.01	331.6	218.7	276
241.3	24.73	296.5	184.4	276
204.4	22.21	285.5	164.6	275
178.3	14.55	258.1	147.3	275
165.8	9.38	201.7	141.5	275
153.7	7.22	182.6	136.1	275
147.6	6.13	172.7	132.0	275
143.0	5.59	162.0	128.9	274
139.2	5.22	156.7	125.4	274
132.5	4.85	150.2	120.9	274
121.8	4.41	140.8	110.2	265
112.5	3.92	126.9	102.7	260
103.9	3.43	116.2	95.8	254
96.4	3.02	107.3	88.1	252
89.9	2.76	98.0	81.2	249
84.1	2.65	94.2	74.6	247
79.2	2.63	94.6	69.3	239
71.5	2.42	88.7	65.1	177
61.3	3.61	63.8	58.7	2

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.32	2.529	18.60	6.40	276
10	11.13	2.409	18.23	6.74	276
20	10.58	2.068	17.27	6.75	276
30	9.78	1.526	15.00	6.78	276
50	8.70	.934	11.89	6.85	276
75	8.09	.693	10.41	6.78	276
100	7.84	.530	10.20	6.71	275
125	7.63	.456	9.74	6.50	275
150	7.39	.395	9.00	6.22	275
175	7.15	.377	8.57	5.95	275
200	6.90	.374	8.11	5.73	275
225	6.64	.379	7.81	5.52	274
250	6.41	.364	7.64	5.40	274
300	5.99	.343	7.12	5.02	274
400	5.34	.286	6.56	4.57	265
500	4.86	.201	5.54	4.23	260
600	4.48	.154	5.00	4.09	254
700	4.18	.125	4.56	3.84	252
800	3.92	.111	4.42	3.59	249
900	3.67	.098	3.91	3.31	247
1000	3.44	.090	3.65	3.14	239
1200	3.00	.085	3.20	2.76	177
1500	2.50	.106	2.58	2.43	2

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
358.3	56.75	502.3	252.3	276
351.8	51.64	494.8	259.8	276
332.0	43.42	473.5	257.9	276
307.7	31.17	416.4	250.1	276
274.9	20.94	330.4	217.8	276
240.1	24.69	294.8	183.1	276
202.7	22.19	283.3	162.9	275
176.2	14.50	255.5	145.4	275
160.3	9.30	198.8	139.3	275
150.8	7.10	179.2	133.7	275
144.4	5.99	169.1	129.4	275
139.6	5.42	158.0	125.6	274
135.5	5.05	152.3	121.7	274
128.4	4.65	145.3	116.9	274
116.8	4.19	134.8	105.9	265
106.7	3.74	120.5	97.5	260
97.5	3.29	109.2	89.6	254
89.4	2.91	99.8	80.8	252
82.3	2.66	90.9	73.3	249
76.1	2.55	86.2	66.2	247
70.8	2.55	86.3	60.5	239
62.3	2.32	79.8	56.0	177
51.8	3.39	54.2	49.4	2

STATION MP04 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	276
10	.357	.0546	.500	.260	276
20	.701	.1000	.990	.520	276
30	1.022	.1307	1.440	.780	276
50	1.605	.1569	2.160	1.280	276
75	2.253	.1799	2.880	1.830	276
100	2.805	.2176	3.500	2.300	275
125	3.282	.2486	4.030	2.720	275
150	3.706	.2671	4.490	3.100	275
175	4.101	.2785	4.910	3.450	275
200	4.478	.2870	5.300	3.790	275
225	4.841	.2932	5.670	4.120	274
250	5.193	.2993	6.030	4.440	274
300	5.872	.3095	6.720	5.050	274
400	7.149	.3316	8.010	6.220	265
500	8.330	.3473	9.220	7.320	260
600	9.410	.3691	10.350	8.330	254
700	10.408	.3872	11.380	9.260	252
800	11.337	.4028	12.340	10.130	249
900	12.202	.4139	13.160	10.950	247
1000	13.028	.4260	14.030	11.730	239
1200	14.530	.4704	15.610	13.160	177
1500	16.430	.7495	16.960	15.900	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	276
.02	.003	.03	.01	276
.07	.010	.10	.05	276
.15	.018	.21	.12	276
.39	.032	.50	.32	276
.80	.057	.97	.67	276
1.29	.105	1.53	1.06	275
1.84	.151	2.31	1.50	275
2.43	.187	3.10	2.00	275
3.09	.213	3.83	2.58	275
3.81	.237	4.60	3.23	275
4.59	.260	5.43	3.93	274
5.44	.283	6.34	4.70	274
7.35	.333	8.44	6.44	274
11.88	.462	13.25	10.62	265
17.26	.610	19.00	15.50	260
23.31	.785	25.80	21.06	254
29.93	.963	33.19	27.32	252
37.03	1.123	40.14	34.04	249
44.56	1.310	47.87	41.21	247
52.48	1.500	56.07	48.62	239
69.31	1.958	75.98	64.69	177
95.22	4.844	98.64	91.79	2

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.52	.417	7.61	5.80	39
10	6.53	.378	7.23	5.81	39
20	6.47	.333	7.10	5.81	39
30	6.36	.408	7.24	4.91	39
50	5.97	.901	6.83	2.65	39
75	5.30	.887	6.74	3.62	39
100	4.23	.559	5.86	3.28	39
125	3.60	.432	5.01	2.97	39
150	3.18	.424	4.45	2.58	39
175	2.94	.350	4.01	2.36	39
200	2.75	.343	3.50	2.02	39
225	2.62	.392	3.90	1.93	39
250	2.46	.369	3.34	1.73	39
300	1.99	.267	2.49	1.48	39
400	1.36	.197	1.88	1.01	39
500	.90	.191	1.68	.50	39
600	.61	.124	1.05	.41	39
700	.47	.090	.74	.33	39
800	.37	.099	.79	.22	37
900	.36	.088	.71	.21	37
1000	.38	.088	.64	.24	33
1200	.46	.089	.77	.25	30
1500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1491	8.8	1515	1473	276
1491	8.5	1514	1475	276
1489	7.3	1511	1475	276
1486	5.5	1504	1475	276
1483	3.5	1495	1476	276
1482	2.6	1490	1476	276
1482	2.0	1490	1478	275
1482	1.8	1489	1478	275
1481	1.5	1487	1477	275
1481	1.5	1486	1476	275
1481	1.5	1485	1476	275
1480	1.5	1485	1475	274
1479	1.5	1484	1475	274
1479	1.4	1483	1475	274
1478	1.2	1483	1475	265
1478	9	1480	1475	260
1478	7	1480	1476	254
1478	6	1480	1477	252
1479	5	1481	1478	249
1480	5	1481	1478	247
1480	5	1481	1479	239
1482	4	1483	1481	177
1485	0	1485	1485	2

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.028	.4256	14.030	11.726	239
10	12.667	.4168	13.585	11.461	239
20	12.320	.4102	13.196	11.136	239
30	11.998	.4012	12.809	10.842	239
50	11.414	.3787	12.244	10.342	239
75	10.765	.3468	11.599	9.810	239
100	10.211	.3124	10.959	9.363	239
125	9.733	.2884	10.511	8.961	239
150	9.307	.2726	10.081	8.591	239
175	8.912	.2599	9.663	8.244	239
200	8.535	.2485	9.254	7.909	239
225	8.172	.2381	8.855	7.583	239
250	7.819	.2282	8.461	7.263	239
300	7.139	.2102	7.712	6.604	239
400	5.869	.1738	6.300	5.382	239
500	4.698	.1398	5.043	4.276	239
600	3.618	.1075	3.896	3.259	239
700	2.617	.0786	2.852	2.337	239
800	1.686	.0521	1.887	1.492	239
900	.816	.0262	.949	.715	239
1000	.000	.0000	.000	.000	239
1200	-1.501	.0491	-1.375	-1.829	177
1500	-3.440	.1817	-3.311	-3.568	2

Table 13. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA DH at standard pressures, by month, for Station 3 (P04).

Table 13: STATION MP04 J A N U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.75	.707	9.70	6.72	20
10	8.79	.691	9.74	6.74	20
20	8.83	.667	9.68	6.75	20
30	8.88	.667	9.88	6.78	20
50	8.77	.634	9.68	7.00	20
75	8.42	.621	9.29	7.50	20
100	8.01	.274	8.47	7.54	20
125	7.84	.202	8.19	7.48	20
150	7.62	.213	8.02	7.19	20
175	7.47	.253	7.84	6.97	20
200	7.28	.270	7.70	6.77	20
225	7.08	.288	7.61	6.68	19
250	6.81	.318	7.41	6.38	19
300	6.41	.352	7.12	5.94	19
400	5.65	.321	6.43	5.27	18
500	5.04	.202	5.51	4.78	18
600	4.62	.105	4.83	4.47	18
700	4.32	.085	4.55	4.20	18
800	4.07	.117	4.48	3.96	18
900	3.81	.076	3.95	3.65	18
1000	3.55	.056	3.64	3.43	16
1200	3.11	.059	3.19	2.99	13
1500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.187	.4262	32.480	30.599	20
32.188	.4225	32.489	30.579	20
32.222	.3829	32.490	30.743	20
32.328	.1200	32.490	31.960	20
32.423	.1502	32.710	32.037	20
32.866	.3425	33.494	32.315	20
33.351	.2298	33.726	32.808	20
33.659	.1055	33.820	33.325	20
33.773	.0853	33.886	33.470	20
33.865	.0486	33.941	33.754	20
33.909	.0394	33.970	33.836	20
33.932	.0325	33.990	33.878	19
33.947	.0294	34.020	33.899	19
33.973	.0246	34.019	33.938	19
34.014	.0293	34.062	33.953	18
34.071	.0300	34.122	34.023	18
34.149	.0286	34.191	34.098	18
34.219	.0245	34.259	34.171	18
34.283	.0173	34.313	34.247	18
34.340	.0203	34.397	34.306	18
34.385	.0298	34.477	34.352	16
34.452	.0323	34.533	34.410	13
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.978	.3379	25.348	23.749	20
10	24.972	.3329	25.353	23.731	20
20	24.993	.3088	25.360	23.841	20
30	25.069	.1368	25.372	24.819	20
50	25.160	.1529	25.444	24.862	20
75	25.559	.2863	25.980	25.092	20
100	26.001	.1845	26.246	25.573	20
125	26.266	.0933	26.434	25.985	20
150	26.389	.0707	26.512	26.182	20
175	26.482	.0638	26.580	26.343	20
200	26.543	.0575	26.628	26.432	20
225	26.589	.0549	26.671	26.486	19
250	26.637	.0544	26.719	26.526	19
300	26.711	.0542	26.792	26.589	19
400	26.839	.0539	26.904	26.698	18
500	26.956	.0394	27.006	26.871	18
600	27.067	.0256	27.108	27.017	18
700	27.155	.0195	27.193	27.120	18
800	27.231	.0167	27.264	27.202	18
900	27.304	.0162	27.334	27.276	18
1000	27.364	.0250	27.442	27.337	16
1200	27.460	.0258	27.526	27.421	13
1500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
298.8	32.17	415.8	263.6	20
299.5	31.72	417.8	263.2	20
297.6	29.41	407.4	262.7	20
290.6	13.04	314.4	261.7	20
282.3	14.58	310.6	255.2	20
244.7	27.21	289.1	204.9	20
203.1	17.52	243.7	179.8	20
178.3	8.86	205.0	162.4	20
167.0	6.73	186.6	155.3	20
158.6	6.13	171.9	149.1	20
153.1	5.56	163.8	144.8	20
149.0	5.31	159.1	141.1	19
144.7	5.31	155.5	136.7	19
138.2	5.34	150.2	130.3	19
126.8	5.37	140.8	120.3	18
116.2	3.90	124.8	111.4	18
106.4	2.49	111.3	102.4	18
98.6	1.85	101.8	94.9	18
91.9	1.72	95.4	88.6	18
85.4	1.55	88.0	82.8	18
79.9	2.37	85.6	75.6	16
71.2	2.42	75.1	65.1	13
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.75	.707	9.70	6.72	20
10	8.79	.691	9.74	6.74	20
20	8.83	.667	9.68	6.75	20
30	8.88	.667	9.88	6.78	20
50	8.76	.632	9.67	7.00	20
75	8.41	.621	9.28	7.49	20
100	8.00	.274	8.46	7.53	20
125	7.83	.201	8.18	7.47	20
150	7.60	.212	8.01	7.18	20
175	7.45	.251	7.83	6.96	20
200	7.26	.270	7.68	6.75	20
225	7.06	.287	7.59	6.66	19
250	6.79	.317	7.39	6.36	19
300	6.38	.351	7.09	5.91	19
400	5.61	.319	6.39	5.24	18
500	5.00	.200	5.47	4.74	18
600	4.57	.106	4.78	4.42	18
700	4.26	.085	4.50	4.14	18
800	4.01	.116	4.42	3.90	18
900	3.74	.077	3.89	3.58	18
1000	3.48	.055	3.56	3.36	16
1200	3.02	.057	3.10	2.90	13
1500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
298.8	32.17	415.8	263.6	20
299.3	31.71	417.6	263.1	20
297.3	29.41	407.1	262.4	20
290.1	13.00	313.9	261.3	20
281.4	14.53	309.7	254.4	20
243.4	27.22	287.8	203.4	20
201.3	17.53	242.0	178.0	20
176.1	8.85	202.8	160.2	20
164.5	6.71	184.1	152.8	20
155.6	6.07	168.8	146.3	20
149.8	5.46	160.3	141.7	20
145.3	5.19	155.1	137.6	19
140.8	5.14	151.3	133.0	19
133.8	5.12	145.3	126.1	19
121.5	5.09	134.8	115.4	18
110.4	3.72	118.5	105.7	18
99.9	2.45	104.6	96.0	18
91.4	1.83	94.8	87.8	18
84.2	1.58	86.9	81.1	18
77.2	1.51	79.8	74.3	18
71.5	2.37	74.1	64.1	16
62.3	2.46	66.0	56.0	13
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	20
10	.301	.0329	.420	.260	20
20	.599	.0646	.840	.530	20
30	.893	.0805	1.180	.790	20
50	1.472	.1005	1.800	1.310	20
75	2.136	.1279	2.510	1.920	20
100	2.688	.1635	3.100	2.420	20
125	3.162	.1851	3.610	2.880	20
150	3.593	.1952	4.050	3.300	20
175	3.999	.2005	4.460	3.700	20
200	4.388	.2029	4.840	4.080	20
225	4.773	.2064	5.210	4.460	19
250	5.139	.2082	5.570	4.820	19
300	5.846	.2096	6.250	5.510	19
400	7.191	.2092	7.530	6.840	18
500	8.404	.2258	8.750	8.000	18
600	9.514	.2419	9.900	9.080	18
700	10.537	.2510	10.950	10.110	18
800	11.491	.2547	11.920	11.060	18
900	12.377	.2549	12.830	11.940	18
1000	13.208	.2706	13.680	12.770	16
1200	14.725	.2987	15.220	14.330	13
1500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	20
.02	.005	.02	.01	20
.06	.007	.09	.05	20
.14	.011	.17	.12	20
.37	.020	.43	.33	20
.79	.046	.88	.72	20
1.28	.088	1.46	1.15	20
1.83	.116	2.05	1.65	20
2.43	.133	2.69	2.23	20
3.10	.146	3.43	2.86	20
3.85	.158	4.22	3.57	20
4.67	.166	5.06	4.35	19
5.56	.182	5.97	5.19	19
7.54	.227	7.99	7.06	19
12.28	.375	12.99	11.54	18
17.84	.560	18.97	16.86	18
24.06	.724	25.55	22.90	18
30.84	.830	32.54	29.71	18
38.12	.898	39.97	36.96	18
45.80	.941	47.78	44.41	18
53.82	1.029	55.77	52.23	16
70.63	1.306	72.64	68.37	13
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.65	n/a	n/a	n/a	1
10	6.65	n/a	n/a	n/a	1
20	6.57	n/a	n/a	n/a	1
30	6.55	n/a	n/a	n/a	1
50	6.49	n/a	n/a	n/a	1
75	4.96	n/a	n/a	n/a	1
100	4.00	n/a	n/a	n/a	1
125	3.47	n/a	n/a	n/a	1
150	3.06	n/a	n/a	n/a	1
175	2.71	n/a	n/a	n/a	1
200	2.62	n/a	n/a	n/a	1
225	2.52	n/a	n/a	n/a	1
250	2.43	n/a	n/a	n/a	1
300	2.13	n/a	n/a	n/a	1
400	1.44	n/a	n/a	n/a	1
500	1.30	n/a	n/a	n/a	1
600	.68	n/a	n/a	n/a	1
700	.74	n/a	n/a	n/a	1
800	.79	n/a	n/a	n/a	1
900	.71	n/a	n/a	n/a	1
1000	.64	n/a	n/a	n/a	1
1200	.47	n/a	n/a	n/a	1
1500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1482	2.8	1486	1474	20
1482	2.7	1486	1475	20
1483	2.6	1486	1475	20
1483	2.6	1487	1475	20
1483	2.5	1487	1476	20
1483	2.3	1486	1479	20
1482	1.1	1484	1480	20
1483	.9	1484	1481	20
1482	.8	1484	1481	20
1482	1.1	1484	1480	20
1482	1.1	1484	1480	20
1482	1.2	1484	1480	19
1481	1.3	1483	1479	19
1480	1.5	1483	1478	19
1479	1.3	1482	1477	18
1478	.9	1480	1477	18
1478	.5	1479	1477	18
1479	.6	1480	1478	18
1479	.5	1481	1479	18
1480	.4	1481	1479	18
1481	.5	1481	1480	16
1482	.3	1482	1481	13
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.207	.2708	13.678	12.770	16
10	12.903	.2680	13.388	12.440	16
20	12.600	.2691	13.098	12.116	16
30	12.303	.2699	12.807	11.796	16
50	11.721	.2682	12.226	11.200	16
75	11.063	.2578	11.500	10.622	16
100	10.510	.2540	10.946	10.135	16
125	10.033	.2509	10.482	9.713	16
150	9.601	.2424	10.062	9.274	16
175	9.194	.2315	9.652	8.867	16
200	8.801	.2191	9.247	8.482	16
225	8.422	.2067	8.849	8.113	16
250	8.054	.1936	8.459	7.756	16
300	7.345	.1697	7.712	7.070	16
400	6.017	.1205	6.260	5.797	16
500	4.801	.0792	4.932	4.635	16
600	3.689	.0548	3.800	3.567	16
700	2.664	.0398	2.738	2.584	16
800	1.710	.0301	1.760	1.663	16
900	.824	.0186	.850	.773	16
1000	.000	.0000	.000	.000	16
1200	-1.507	.0503	-1.375	-1.560	13
1500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.19	1.102	10.14	6.40	19
10	8.28	.945	10.14	6.85	19
20	8.30	.937	10.18	6.84	19
30	8.31	.927	10.15	6.84	19
50	8.31	.869	10.21	6.85	19
75	8.32	.833	10.28	6.89	19
100	8.12	.445	9.47	7.53	19
125	7.96	.462	8.94	7.10	19
150	7.72	.412	8.46	6.97	19
175	7.46	.414	8.21	6.69	19
200	7.22	.399	7.96	6.59	19
225	6.96	.390	7.56	6.32	19
250	6.71	.327	7.26	6.17	19
300	6.23	.275	6.67	5.66	19
400	5.51	.201	5.98	5.06	19
500	4.94	.173	5.18	4.60	19
600	4.57	.155	4.82	4.16	19
700	4.26	.123	4.43	3.94	18
800	4.03	.098	4.19	3.84	18
900	3.77	.081	3.93	3.59	17
1000	3.52	.068	3.67	3.42	16
1200	3.10	.079	3.18	2.91	12
1500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.130	.4422	32.560	31.340	19
32.211	.3485	32.560	31.464	19
32.266	.2807	32.570	31.820	19
32.315	.2427	32.570	31.820	19
32.471	.1868	32.870	32.070	19
32.725	.3231	33.350	32.326	19
33.210	.3295	33.667	32.582	19
33.588	.1544	33.821	33.320	19
33.744	.0967	33.899	33.565	19
33.839	.0564	33.936	33.722	19
33.891	.0451	33.964	33.774	19
33.925	.0349	33.994	33.872	19
33.946	.0288	34.000	33.890	19
33.970	.0346	34.039	33.890	19
34.020	.0267	34.060	33.970	19
34.079	.0230	34.111	34.026	19
34.156	.0280	34.205	34.108	19
34.225	.0240	34.265	34.179	18
34.290	.0291	34.332	34.236	18
34.341	.0280	34.385	34.297	17
34.385	.0257	34.425	34.336	16
34.441	.0248	34.484	34.404	12
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.013	.3056	25.466	24.483	19
10	25.065	.2362	25.376	24.620	19
20	25.106	.2008	25.381	24.710	19
30	25.142	.1772	25.386	24.815	19
50	25.264	.1657	25.654	24.974	19
75	25.462	.2567	26.022	25.127	19
100	25.873	.2646	26.299	25.449	19
125	26.194	.1567	26.427	25.894	19
150	26.350	.1093	26.535	26.101	19
175	26.461	.0839	26.595	26.262	19
200	26.538	.0757	26.649	26.339	19
225	26.600	.0620	26.697	26.476	19
250	26.650	.0546	26.739	26.538	19
300	26.732	.0462	26.811	26.658	19
400	26.861	.0366	26.937	26.803	19
500	26.975	.0310	27.023	26.907	19
600	27.077	.0313	27.138	27.011	19
700	27.165	.0255	27.196	27.115	18
800	27.242	.0308	27.287	27.183	18
900	27.308	.0268	27.346	27.259	17
1000	27.368	.0233	27.398	27.314	16
1200	27.453	.0233	27.504	27.418	12
1500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
295.4	29.11	345.9	252.3	19
290.6	22.47	333.0	261.0	19
286.9	19.10	324.6	260.7	19
283.6	16.88	314.8	260.3	19
272.3	15.79	299.9	235.3	19
254.0	24.39	285.9	200.7	19
215.3	25.11	255.5	174.8	19
185.2	14.92	213.9	163.0	19
170.8	10.47	194.6	153.0	19
160.5	8.07	179.7	147.7	19
153.6	7.32	172.7	142.8	19
148.0	6.03	160.0	138.5	19
143.4	5.33	154.3	134.8	19
136.1	4.52	143.3	128.2	19
124.6	3.60	130.5	117.0	19
114.4	3.10	121.0	109.5	19
105.3	3.08	111.8	99.3	19
97.5	2.54	102.4	94.4	18
90.8	3.01	96.6	86.4	18
84.9	2.65	89.9	81.3	17
79.6	2.26	84.9	76.8	16
71.9	2.29	75.3	66.6	12
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.19	1.102	10.14	6.40	19
10	8.28	.945	10.14	6.85	19
20	8.29	.936	10.17	6.84	19
30	8.31	.927	10.15	6.84	19
50	8.31	.869	10.21	6.85	19
75	8.31	.833	10.27	6.88	19
100	8.11	.445	9.46	7.52	19
125	7.94	.462	8.93	7.09	19
150	7.71	.413	8.44	6.95	19
175	7.45	.412	8.19	6.68	19
200	7.20	.399	7.94	6.57	19
225	6.94	.390	7.54	6.30	19
250	6.69	.326	7.24	6.15	19
300	6.20	.273	6.64	5.64	19
400	5.48	.202	5.95	5.03	19
500	4.90	.172	5.14	4.56	19
600	4.52	.154	4.77	4.12	19
700	4.21	.122	4.37	3.89	18
800	3.97	.098	4.13	3.78	18
900	3.70	.081	3.86	3.52	17
1000	3.45	.069	3.60	3.35	16
1200	3.01	.078	3.09	2.82	12
1500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
295.4	29.11	345.9	252.3	19
290.5	22.47	332.8	260.9	19
286.6	19.10	324.2	260.4	19
283.1	16.87	314.2	259.9	19
271.4	15.76	299.1	234.4	19
252.6	24.39	284.4	199.4	19
213.5	25.13	253.8	173.1	19
183.0	14.87	211.5	160.9	19
168.2	10.37	191.7	150.6	19
157.6	7.93	176.4	144.9	19
150.3	7.16	169.1	139.7	19
144.4	5.86	156.1	135.2	19
139.6	5.17	150.2	131.2	19
131.8	4.37	138.8	124.3	19
119.5	3.44	124.9	112.3	19
108.7	2.94	115.1	104.1	19
98.9	2.94	105.1	93.1	19
90.5	2.41	95.2	87.5	18
83.2	2.90	88.7	78.9	18
76.8	2.54	81.5	73.2	17
71.2	2.19	76.2	68.3	16
63.0	2.19	66.3	58.2	12
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	19
10	.292	.0242	.340	.260	19
20	.582	.0443	.670	.520	19
30	.868	.0617	.990	.780	19
50	1.425	.0853	1.600	1.300	19
75	2.091	.1176	2.350	1.880	19
100	2.673	.1672	2.990	2.360	19
125	3.169	.2027	3.540	2.790	19
150	3.614	.2245	4.010	3.200	19
175	4.027	.2361	4.430	3.590	19
200	4.420	.2455	4.830	3.960	19
225	4.796	.2523	5.200	4.330	19
250	5.159	.2599	5.570	4.680	19
300	5.856	.2691	6.260	5.340	19
400	7.159	.2872	7.550	6.590	19
500	8.353	.3051	8.730	7.740	19
600	9.449	.3231	9.850	8.800	19
700	10.463	.3544	10.900	9.780	18
800	11.406	.3736	11.860	10.700	18
900	12.272	.3990	12.740	11.560	17
1000	13.102	.4250	13.590	12.360	16
1200	14.604	.5038	15.150	13.850	12
1500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	19
.02	.005	.02	.01	19
.06	.005	.07	.05	19
.13	.009	.15	.12	19
.36	.021	.40	.33	19
.78	.047	.87	.69	19
1.30	.098	1.45	1.11	19
1.87	.144	2.08	1.60	19
2.49	.179	2.75	2.15	19
3.18	.206	3.49	2.77	19
3.92	.232	4.30	3.46	19
4.74	.257	5.20	4.22	19
5.62	.281	6.14	5.05	19
7.57	.330	8.26	6.90	19
12.21	.443	13.04	11.33	19
17.68	.567	18.68	16.60	19
23.83	.715	25.08	22.47	19
30.51	.881	32.05	28.88	18
37.70	1.054	39.65	35.84	18
45.29	1.273	47.73	43.25	17
53.25	1.490	56.06	51.05	16
70.36	2.069	73.52	67.71	12
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.77	.247	6.94	6.59	2
10	6.53	.071	6.58	6.48	2
20	6.45	.028	6.47	6.43	2
30	6.40	.014	6.41	6.39	2
50	6.59	.177	6.72	6.47	2
75	6.57	.233	6.74	6.41	2
100	4.46	.106	4.54	4.39	2
125	3.78	.198	3.92	3.64	2
150	3.12	.035	3.14	3.09	2
175	2.91	.099	2.98	2.84	2
200	2.72	.177	2.85	2.60	2
225	2.58	.212	2.73	2.43	2
250	2.44	.247	2.62	2.27	2
300	2.06	.071	2.11	2.01	2
400	1.34	.078	1.40	1.29	2
500	.99	.141	1.09	.89	2
600	.63	.021	.64	.61	2
700	.47	.042	.50	.44	2
800	.39	.057	.43	.35	2
900	.38	.049	.42	.35	2
1000	.41	n/a	n/a	n/a	1
1200	.40	n/a	n/a	n/a	1
1500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1480	4.6	1488	1473	19
1481	3.9	1488	1475	19
1481	3.7	1488	1475	19
1481	3.8	1488	1475	19
1482	3.4	1489	1476	19
1482	3.3	1490	1476	19
1483	1.7	1488	1480	19
1483	1.7	1486	1480	19
1483	1.4	1485	1480	19
1482	1.7	1485	1479	19
1482	1.5	1484	1479	19
1481	1.5	1483	1479	19
1481	1.3	1483	1478	19
1480	1.1	1481	1477	19
1478	.8	1480	1477	19
1478	.9	1479	1476	19
1478	.6	1479	1476	19
1478	.7	1479	1477	18
1479	.5	1480	1478	18
1480	.4	1480	1479	17
1480	.5	1481	1480	16
1482	.3	1482	1481	12
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.101	.4243	13.590	12.363	16
10	12.806	.4167	13.315	12.060	16
20	12.516	.4143	13.041	11.762	16
30	12.230	.4128	12.766	11.462	16
50	11.677	.4032	12.244	10.940	16
75	11.011	.3741	11.599	10.387	16
100	10.424	.3317	10.959	9.896	16
125	9.923	.2992	10.454	9.442	16
150	9.477	.2747	9.994	9.031	16
175	9.064	.2559	9.561	8.647	16
200	8.671	.2398	9.151	8.281	16
225	8.295	.2258	8.753	7.927	16
250	7.931	.2130	8.366	7.586	16
300	7.235	.1939	7.635	6.932	16
400	5.940	.1632	6.276	5.711	16
500	4.752	.1362	5.024	4.583	16
600	3.656	.1061	3.860	3.534	16
700	2.642	.0800	2.794	2.539	16
800	1.700	.0524	1.801	1.636	16
900	.821	.0245	.872	.789	16
1000	.000	.0000	.000	.000	16
1200	-1.514	.0496	-1.432	-1.600	12
1500	n/a	n/a	n/a	n/a	0

STATION MP04 M A R C H 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.91	.972	10.72	7.22	21
10	8.86	.926	10.73	7.24	21
20	8.95	.837	10.73	7.26	21
30	8.95	.811	10.73	7.23	21
50	8.91	.859	10.66	7.20	21
75	8.90	.760	10.42	7.46	21
100	8.60	.653	10.21	7.60	21
125	8.21	.718	9.76	7.21	21
150	7.86	.542	9.01	7.08	21
175	7.57	.460	8.58	6.79	21
200	7.27	.415	8.13	6.47	21
225	6.99	.398	7.83	6.21	21
250	6.73	.403	7.63	5.97	21
300	6.25	.333	6.96	5.73	21
400	5.47	.236	5.77	4.86	21
500	4.88	.171	5.11	4.52	21
600	4.46	.126	4.70	4.22	20
700	4.18	.122	4.36	3.93	19
800	3.91	.113	4.10	3.68	19
900	3.66	.108	3.80	3.37	19
1000	3.44	.105	3.55	3.22	19
1200	3.04	.098	3.19	2.84	15
1500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.870	.9447	32.636	29.704	21
31.978	.7273	32.629	30.186	21
32.242	.3063	32.630	31.584	21
32.348	.2125	32.670	31.942	21
32.468	.1639	32.820	32.151	21
32.818	.3026	33.370	32.452	21
33.313	.3136	33.700	32.690	21
33.607	.2174	33.891	32.969	21
33.790	.1101	34.017	33.530	21
33.879	.0718	34.062	33.748	21
33.927	.0520	34.088	33.830	21
33.953	.0443	34.100	33.888	21
33.971	.0417	34.120	33.918	21
33.996	.0377	34.130	33.940	21
34.038	.0395	34.159	33.974	21
34.102	.0308	34.170	34.041	21
34.170	.0314	34.228	34.123	20
34.238	.0355	34.290	34.143	19
34.300	.0424	34.350	34.165	19
34.356	.0314	34.407	34.288	19
34.397	.0228	34.439	34.367	19
34.461	.0177	34.490	34.433	15
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.703	.6746	25.340	23.174	21
10	24.795	.5270	25.388	23.532	21
20	24.989	.2562	25.407	24.460	21
30	25.072	.2007	25.448	24.742	21
50	25.172	.2008	25.583	24.909	21
75	25.448	.3402	26.095	25.018	21
100	25.882	.3339	26.331	25.138	21
125	26.168	.2512	26.465	25.430	21
150	26.365	.1460	26.628	26.098	21
175	26.477	.1113	26.702	26.232	21
200	26.558	.0842	26.749	26.381	21
225	26.618	.0753	26.798	26.456	21
250	26.667	.0710	26.839	26.515	21
300	26.749	.0546	26.889	26.640	21
400	26.881	.0425	26.978	26.819	21
500	27.000	.0377	27.071	26.952	21
600	27.101	.0322	27.167	27.056	20
700	27.184	.0329	27.247	27.109	19
800	27.251	.0365	27.324	27.161	19
900	27.331	.0299	27.399	27.281	19
1000	27.386	.0228	27.433	27.350	19
1200	27.473	.0194	27.501	27.437	15
1500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
325.0	64.31	470.8	264.4	21
316.3	50.20	436.7	259.9	21
298.1	24.40	348.5	258.3	21
290.3	19.13	321.7	254.5	21
281.2	19.15	306.3	242.0	21
255.4	32.41	296.5	193.7	21
214.5	31.81	285.5	171.7	21
187.7	23.98	258.1	159.5	21
169.4	13.98	195.1	144.3	21
159.1	10.71	182.6	137.5	21
151.7	8.13	168.8	133.4	21
146.3	7.31	162.0	129.0	21
141.9	6.90	156.7	125.4	21
134.5	5.36	145.3	121.1	21
122.7	4.15	128.8	113.5	21
112.0	3.71	116.8	104.9	21
102.9	3.15	107.3	96.4	20
95.6	3.20	102.6	89.3	19
88.8	3.51	98.0	82.4	19
82.5	2.92	87.1	75.6	19
77.7	2.29	81.3	72.8	19
69.9	1.97	73.6	66.7	15
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.91	.972	10.72	7.22	21
10	8.86	.926	10.73	7.24	21
20	8.95	.838	10.73	7.26	21
30	8.95	.811	10.73	7.23	21
50	8.91	.855	10.65	7.20	21
75	8.89	.760	10.41	7.45	21
100	8.59	.653	10.20	7.59	21
125	8.20	.717	9.74	7.20	21
150	7.85	.541	9.00	7.07	21
175	7.55	.460	8.57	6.78	21
200	7.25	.414	8.11	6.46	21
225	6.96	.398	7.81	6.19	21
250	6.71	.404	7.61	5.94	21
300	6.22	.333	6.93	5.70	21
400	5.43	.236	5.74	4.83	21
500	4.84	.171	5.07	4.48	21
600	4.41	.127	4.66	4.17	20
700	4.13	.121	4.31	3.88	19
800	3.85	.113	4.04	3.62	19
900	3.59	.107	3.73	3.31	19
1000	3.36	.106	3.48	3.14	19
1200	2.96	.097	3.11	2.76	15
1500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
325.0	64.31	470.8	264.4	21
316.2	50.21	436.6	259.8	21
297.7	24.38	348.1	257.9	21
289.8	19.11	321.1	254.0	21
280.3	19.08	305.3	241.2	21
254.0	32.32	294.8	192.5	21
212.7	31.71	283.3	170.0	21
185.4	23.85	255.5	157.2	21
166.7	13.85	192.0	141.8	21
156.0	10.55	179.2	134.7	21
148.4	7.98	165.1	130.2	21
142.7	7.13	158.0	125.6	21
138.0	6.69	152.3	121.7	21
130.1	5.16	140.5	116.9	21
117.6	4.02	123.5	108.4	21
106.3	3.56	110.8	99.5	21
96.7	3.05	100.9	90.4	20
88.7	3.13	95.8	82.7	19
81.3	3.46	90.9	75.4	19
74.7	2.82	79.4	68.3	19
69.5	2.15	72.8	65.0	19
61.1	1.80	64.5	58.5	15
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	21
10	.323	.0608	.460	.260	21
20	.631	.0947	.850	.520	21
30	.924	.1115	1.170	.780	21
50	1.497	.1422	1.900	1.280	21
75	2.176	.1854	2.710	1.830	21
100	2.760	.2504	3.410	2.300	21
125	3.260	.3036	3.720	2.720	21
150	3.705	.3431	4.290	3.100	21
175	4.115	.3666	4.730	3.450	21
200	4.505	.3876	5.140	3.790	21
225	4.876	.4011	5.520	4.120	21
250	5.235	.4139	5.880	4.440	21
300	5.925	.4368	6.560	5.050	21
400	7.210	.4716	7.840	6.220	21
500	8.385	.4983	9.050	7.320	21
600	9.478	.5185	10.120	8.330	20
700	10.445	.5431	11.100	9.260	19
800	11.368	.5631	12.000	10.130	19
900	12.223	.5819	12.820	10.950	19
1000	13.023	.5968	13.610	11.730	19
1200	14.393	.6458	15.150	13.160	15
1500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	21
.02	.005	.02	.01	21
.06	.008	.08	.05	21
.14	.012	.16	.12	21
.37	.027	.42	.32	21
.80	.064	.88	.67	21
1.33	.136	1.53	1.09	21
1.90	.209	2.31	1.57	21
2.52	.271	3.10	2.10	21
3.20	.315	3.83	2.68	21
3.94	.354	4.60	3.33	21
4.75	.389	5.43	4.04	21
5.62	.424	6.34	4.81	21
7.55	.496	8.44	6.54	21
12.12	.630	13.25	10.71	21
17.51	.764	18.80	15.72	21
23.55	.897	24.80	21.39	20
30.11	1.090	31.29	27.58	19
37.16	1.284	38.72	34.23	19
44.58	1.514	46.73	41.31	19
52.32	1.700	54.65	48.80	19
68.56	2.223	71.49	64.69	15
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.03	.452	7.61	6.61	5
10	6.73	.220	7.06	6.51	5
20	6.66	.137	6.85	6.49	5
30	6.63	.087	6.73	6.50	5
50	6.55	.178	6.83	6.34	5
75	5.88	.514	6.36	5.21	5
100	4.17	.183	4.35	3.88	5
125	3.52	.185	3.81	3.31	5
150	3.11	.167	3.35	2.90	5
175	2.83	.172	3.11	2.68	5
200	2.67	.161	2.92	2.49	5
225	2.49	.162	2.76	2.33	5
250	2.33	.176	2.61	2.18	5
300	1.99	.206	2.32	1.80	5
400	1.39	.160	1.60	1.25	5
500	.91	.086	1.06	.85	5
600	.67	.072	.75	.58	5
700	.51	.081	.64	.43	5
800	.40	.058	.47	.33	5
900	.36	.052	.43	.31	5
1000	.39	.088	.52	.31	5
1200	.45	.015	.47	.44	4
1500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1482	4.5	1490	1475	21
1482	4.0	1490	1476	21
1483	3.2	1490	1477	21
1484	3.0	1490	1477	21
1484	3.2	1490	1477	21
1485	2.5	1490	1480	21
1484	2.2	1490	1481	21
1484	2.7	1489	1480	21
1483	2.0	1487	1480	21
1483	1.6	1486	1480	21
1482	1.6	1485	1479	21
1481	1.5	1485	1478	21
1481	1.6	1484	1478	21
1480	1.3	1482	1478	21
1478	.9	1479	1476	21
1477	.6	1478	1476	21
1477	.6	1479	1477	20
1478	.6	1479	1477	19
1479	.5	1479	1478	19
1479	.6	1480	1478	19
1480	.6	1481	1479	19
1482	.4	1482	1481	15
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.024	.5968	13.608	11.726	19
10	12.699	.5640	13.312	11.461	19
20	12.392	.5445	13.020	11.202	19
30	12.099	.5292	12.727	10.945	19
50	11.527	.5024	12.140	10.447	19
75	10.850	.4458	11.409	9.897	19
100	10.267	.3760	10.724	9.424	19
125	9.773	.3335	10.151	9.002	19
150	9.332	.3032	9.666	8.625	19
175	8.922	.2809	9.245	8.273	19
200	8.534	.2634	8.849	7.937	19
225	8.162	.2496	8.470	7.608	19
250	7.801	.2370	8.103	7.290	19
300	7.110	.2169	7.402	6.674	19
400	5.822	.1823	6.102	5.443	19
500	4.644	.1526	4.912	4.316	19
600	3.570	.1201	3.805	3.312	19
700	2.578	.0888	2.756	2.383	19
800	1.656	.0560	1.744	1.525	19
900	.799	.0236	.835	.742	19
1000	.000	.0000	.000	.000	19
1200	-1.470	.0435	-1.400	-1.546	15
1500	n/a	n/a	n/a	n/a	0

STATION MP04 A P R I L 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.76	.679	9.80	7.45	15
10	8.73	.691	9.74	7.39	15
20	8.69	.675	9.73	7.46	15
30	8.52	.644	9.80	7.36	15
50	8.24	.686	10.03	7.28	15
75	8.16	.669	9.92	7.35	15
100	7.98	.489	9.11	7.43	15
125	7.66	.327	8.49	7.27	15
150	7.37	.255	8.22	7.00	15
175	7.10	.296	7.91	6.73	15
200	6.86	.291	7.64	6.50	15
225	6.59	.281	7.26	6.19	15
250	6.37	.252	6.92	5.99	15
300	5.99	.228	6.47	5.71	15
400	5.32	.197	5.72	5.10	13
500	4.85	.158	5.17	4.64	13
600	4.48	.146	4.76	4.28	13
700	4.19	.130	4.42	3.99	13
800	3.93	.129	4.17	3.79	13
900	3.69	.110	3.90	3.57	13
1000	3.48	.101	3.66	3.35	12
1200	3.08	.072	3.18	2.97	9
1500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.650	.5154	32.520	30.780	15
31.671	.5046	32.520	30.886	15
31.875	.3855	32.500	31.176	15
32.103	.2991	32.510	31.351	15
32.452	.1177	32.650	32.184	15
32.802	.2692	33.280	32.499	15
33.338	.2799	33.687	32.918	15
33.620	.1719	33.807	33.282	15
33.802	.0736	33.890	33.633	15
33.887	.0442	33.950	33.801	15
33.931	.0218	33.964	33.900	15
33.951	.0244	33.993	33.914	15
33.968	.0310	34.038	33.929	15
33.998	.0349	34.056	33.953	15
34.041	.0277	34.079	33.996	13
34.108	.0297	34.154	34.048	13
34.180	.0323	34.236	34.103	13
34.252	.0269	34.305	34.200	13
34.312	.0282	34.357	34.264	13
34.363	.0229	34.399	34.325	13
34.403	.0207	34.442	34.372	12
34.464	.0120	34.485	34.448	9
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.557	.3926	25.319	23.956	15
10	24.579	.3819	25.319	24.069	15
20	24.745	.3359	25.310	24.111	15
30	24.947	.2728	25.366	24.267	15
50	25.262	.1206	25.457	25.018	15
75	25.547	.2497	25.913	25.038	15
100	25.994	.2591	26.308	25.495	15
125	26.263	.1491	26.445	26.005	15
150	26.447	.0768	26.555	26.305	15
175	26.550	.0546	26.627	26.455	15
200	26.618	.0428	26.687	26.530	15
225	26.670	.0409	26.721	26.578	15
250	26.712	.0368	26.761	26.639	15
300	26.785	.0365	26.842	26.725	15
400	26.901	.0259	26.952	26.868	13
500	27.008	.0321	27.068	26.936	13
600	27.106	.0357	27.163	27.014	13
700	27.194	.0283	27.242	27.134	13
800	27.268	.0288	27.311	27.210	13
900	27.333	.0255	27.374	27.283	13
1000	27.385	.0239	27.430	27.347	12
1200	27.473	.0134	27.495	27.451	9
1500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
338.9	37.40	396.1	266.3	15
336.9	36.37	385.5	266.5	15
321.3	32.00	381.7	267.4	15
302.1	25.98	366.9	262.2	15
275.5	11.51	295.9	253.9	15
245.8	23.78	294.5	211.0	15
203.8	24.65	251.3	173.9	15
178.6	14.16	203.0	161.2	15
161.5	7.32	174.9	151.2	15
152.0	5.25	161.3	144.5	15
145.8	4.15	154.5	139.2	15
141.2	3.97	150.2	136.5	15
137.4	3.58	144.6	132.7	15
130.9	3.55	136.9	125.7	15
120.7	2.54	124.1	115.7	13
111.1	3.17	118.2	105.2	13
102.4	3.53	111.5	96.9	13
94.8	2.81	100.6	90.1	13
88.1	2.88	94.0	83.9	13
82.4	2.59	87.6	78.3	13
77.8	2.41	81.7	73.4	12
70.0	1.39	72.3	67.8	9
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.76	.679	9.80	7.45	15
10	8.73	.691	9.74	7.39	15
20	8.69	.673	9.72	7.46	15
30	8.52	.644	9.80	7.36	15
50	8.23	.684	10.02	7.28	15
75	8.15	.668	9.91	7.35	15
100	7.97	.489	9.10	7.42	15
125	7.65	.328	8.48	7.25	15
150	7.36	.325	8.21	6.99	15
175	7.08	.296	7.89	6.72	15
200	6.84	.290	7.62	6.48	15
225	6.57	.281	7.24	6.17	15
250	6.35	.251	6.90	5.97	15
300	5.96	.227	6.44	5.69	15
400	5.29	.197	5.69	5.07	13
500	4.81	.158	5.13	4.60	13
600	4.43	.147	4.72	4.23	13
700	4.14	.126	4.36	3.94	13
800	3.87	.128	4.10	3.73	13
900	3.63	.109	3.83	3.50	13
1000	3.41	.100	3.59	3.28	12
1200	2.99	.071	3.09	2.88	9
1500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
338.9	37.40	396.1	266.3	15
336.8	36.39	385.4	266.3	15
321.0	31.98	381.3	267.1	15
301.7	25.97	366.4	261.8	15
271.6	11.49	294.9	253.1	15
244.5	23.75	292.9	209.7	15
202.0	24.61	249.4	172.2	15
176.5	14.16	201.0	159.2	15
159.0	7.28	172.4	148.7	15
149.1	5.16	158.1	141.8	15
142.7	4.04	151.0	136.2	15
137.7	3.86	146.4	132.9	15
133.7	3.48	140.6	129.0	15
126.7	3.44	132.4	121.4	15
115.7	2.42	118.8	110.9	13
105.4	3.04	112.3	99.8	13
96.1	3.39	104.9	90.7	13
87.8	2.67	93.4	83.2	13
80.7	2.74	86.2	76.6	13
74.5	2.41	79.2	70.6	13
69.5	2.25	73.1	65.3	12
61.1	1.25	63.2	59.1	9
n/a	n/a	n/a	n/a	0

STATION MP04 A P R I L 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	15
10	.339	.0369	.400	.270	15
20	.671	.0707	.770	.540	15
30	.983	.0933	1.130	.800	15
50	1.554	.1061	1.730	1.330	15
75	2.111	.1253	2.410	1.970	15
100	2.766	.1759	3.060	2.450	15
125	3.241	.2134	3.620	2.910	15
150	3.665	.2284	4.080	3.340	15
175	4.057	.2361	4.500	3.740	15
200	4.428	.2379	4.880	4.110	15
225	4.786	.2397	5.240	4.460	15
250	5.134	.2433	5.600	4.800	15
300	5.803	.2461	6.280	5.460	15
400	7.078	.2619	7.560	6.700	13
500	8.235	.2799	8.740	7.840	13
600	9.302	.2977	9.820	8.880	13
700	10.288	.3159	10.820	9.830	13
800	11.201	.3348	11.760	10.740	13
900	12.054	.3527	12.630	11.590	13
1000	12.871	.3807	13.450	12.380	12
1200	14.214	.3383	14.710	13.850	9
1500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	15
.02	.004	.02	.01	15
.07	.009	.08	.06	15
.15	.014	.17	.12	15
.38	.019	.41	.34	15
.80	.041	.89	.74	15
1.29	.093	1.49	1.17	15
1.84	.143	2.13	1.66	15
2.43	.172	2.78	2.22	15
3.08	.189	3.46	2.85	15
3.79	.204	4.20	3.54	15
4.56	.211	4.98	4.30	15
5.40	.223	5.84	5.12	15
7.28	.247	7.76	6.95	15
11.78	.330	12.31	11.27	13
17.09	.434	17.71	16.32	13
23.07	.597	23.95	21.98	13
29.59	.774	30.94	28.17	13
36.58	.961	38.37	34.86	13
43.96	1.187	46.23	41.92	13
51.79	1.439	54.42	49.42	12
67.82	1.577	70.15	65.61	9
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.00	n/a	n/a	n/a	1
10	7.02	n/a	n/a	n/a	1
20	6.73	n/a	n/a	n/a	1
30	6.38	n/a	n/a	n/a	1
50	6.48	n/a	n/a	n/a	1
75	5.95	n/a	n/a	n/a	1
100	4.76	n/a	n/a	n/a	1
125	3.80	n/a	n/a	n/a	1
150	3.76	n/a	n/a	n/a	1
175	2.88	n/a	n/a	n/a	1
200	2.82	n/a	n/a	n/a	1
225	2.66	n/a	n/a	n/a	1
250	2.51	n/a	n/a	n/a	1
300	2.11	n/a	n/a	n/a	1
400	1.40	n/a	n/a	n/a	1
500	.78	n/a	n/a	n/a	1
600	.52	n/a	n/a	n/a	1
700	.44	n/a	n/a	n/a	1
800	.38	n/a	n/a	n/a	1
900	.33	n/a	n/a	n/a	1
1000	.29	n/a	n/a	n/a	1
1200	.40	n/a	n/a	n/a	1
1500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1482	2.9	1485	1476	15
1482	2.9	1486	1476	15
1482	2.6	1486	1477	15
1482	2.3	1486	1477	15
1481	2.7	1488	1477	15
1482	2.3	1488	1479	15
1482	1.8	1486	1480	15
1482	1.1	1485	1481	15
1481	1.4	1485	1480	15
1481	1.2	1484	1479	15
1480	1.1	1483	1479	15
1480	1.0	1482	1478	15
1479	1.0	1481	1478	15
1479	1.0	1481	1477	15
1478	.9	1479	1477	13
1477	.6	1479	1477	13
1478	.8	1479	1477	13
1478	.6	1479	1477	13
1479	.8	1480	1478	13
1479	.4	1480	1479	13
1480	.5	1481	1480	12
1482	.3	1482	1481	9
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.872	.3809	13.453	12.384	12
10	12.530	.3670	13.109	12.061	12
20	12.197	.3584	12.772	11.688	12
30	11.884	.3506	12.439	11.364	12
50	11.314	.3388	11.810	10.793	12
75	10.651	.3153	11.096	10.121	12
100	10.091	.2807	10.500	9.593	12
125	9.615	.2524	9.986	9.166	12
150	9.193	.2361	9.551	8.774	12
175	8.803	.2246	9.158	8.403	12
200	8.432	.2153	8.787	8.045	12
225	8.072	.2087	8.430	7.694	12
250	7.723	.2028	8.086	7.357	12
300	7.048	.1931	7.421	6.709	12
400	5.787	.1698	6.154	5.514	12
500	4.626	.1447	4.945	4.411	12
600	3.556	.1092	3.782	3.401	12
700	2.571	.0812	2.726	2.445	12
800	1.654	.0540	1.754	1.566	12
900	.801	.0255	.847	.759	12
1000	.000	.0000	.000	.000	12
1200	-1.468	.0352	-1.404	-1.525	9
1500	n/a	n/a	n/a	n/a	0

STATION MP04 M A Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.53	1.041	12.70	9.01	50
10	10.22	.963	12.53	7.99	50
20	9.70	1.035	11.72	7.76	50
30	9.04	.886	10.79	7.63	50
50	8.28	.718	9.87	7.27	50
75	7.97	.606	9.49	6.87	50
100	7.84	.511	9.36	6.87	50
125	7.64	.479	9.45	6.83	50
150	7.39	.396	8.87	6.56	50
175	7.11	.351	8.29	6.29	50
200	6.82	.314	7.75	6.12	50
225	6.54	.297	7.29	5.87	50
250	6.29	.261	6.88	5.64	50
300	5.87	.274	6.46	5.23	50
400	5.24	.222	5.64	4.71	48
500	4.81	.176	5.09	4.27	44
600	4.46	.148	4.79	4.13	43
700	4.19	.117	4.46	3.89	43
800	3.95	.105	4.15	3.65	43
900	3.72	.107	3.91	3.44	43
1000	3.49	.104	3.68	3.26	42
1200	3.08	.095	3.25	2.91	32
1500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.789	.4403	32.330	30.650	50
31.853	.3684	32.343	30.850	50
32.077	.2431	32.410	31.350	50
32.279	.2009	32.610	31.720	50
32.505	.1207	32.812	32.201	50
32.872	.3077	33.535	32.424	50
33.372	.2649	33.705	32.632	50
33.664	.1447	33.864	33.212	50
33.815	.0803	33.966	33.551	50
33.889	.0533	34.014	33.684	50
33.928	.0371	34.040	33.824	50
33.946	.0313	34.040	33.881	50
33.958	.0309	34.040	33.880	50
33.989	.0266	34.060	33.931	50
34.046	.0251	34.124	34.003	48
34.114	.0263	34.161	34.053	44
34.182	.0261	34.226	34.118	43
34.249	.0256	34.292	34.195	43
34.309	.0219	34.354	34.263	43
34.357	.0206	34.401	34.313	43
34.398	.0210	34.458	34.361	42
34.456	.0175	34.487	34.419	32
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.379	.4329	25.019	23.388	50
10	24.481	.3467	25.021	23.733	50
20	24.740	.2682	25.256	24.197	50
30	25.004	.2168	25.328	24.419	50
50	25.297	.1539	25.547	24.836	50
75	25.631	.2692	26.112	25.099	50
100	26.042	.2296	26.379	25.237	50
125	26.299	.1545	26.518	25.670	50
150	26.452	.1032	26.609	26.027	50
175	26.551	.0705	26.669	26.300	50
200	26.620	.0520	26.711	26.444	50
225	26.672	.0428	26.759	26.543	50
250	26.714	.0378	26.803	26.628	50
300	26.792	.0362	26.881	26.701	50
400	26.914	.0343	26.991	26.835	48
500	27.017	.0306	27.077	26.945	44
600	27.110	.0284	27.167	27.048	43
700	27.192	.0268	27.243	27.134	43
800	27.264	.0238	27.312	27.216	43
900	27.326	.0229	27.368	27.272	43
1000	27.381	.0219	27.429	27.340	42
1200	27.466	.0185	27.492	27.433	32
1500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
355.8	41.26	450.4	294.9	50
346.2	33.04	417.5	294.8	50
321.8	25.56	373.5	272.6	50
296.8	20.67	352.5	265.9	50
269.1	14.70	313.2	245.4	50
237.8	25.60	288.6	192.2	50
199.2	21.82	275.9	167.0	50
175.1	14.75	235.2	154.2	50
160.9	9.88	201.7	145.8	50
151.9	6.78	176.1	140.4	50
145.6	5.04	162.7	136.9	50
140.9	4.16	153.5	132.4	50
137.1	3.68	145.6	128.3	50
130.1	3.58	139.2	121.4	50
119.4	3.40	127.1	111.6	48
110.2	3.03	117.3	104.1	44
102.1	2.81	108.1	96.3	43
94.9	2.66	100.5	89.7	43
88.6	2.38	93.3	83.9	43
83.1	2.32	88.6	78.8	43
78.2	2.23	82.5	73.7	42
70.6	1.91	74.1	68.0	32
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.53	1.041	12.70	9.01	50
10	10.22	.963	12.53	7.99	50
20	9.70	1.035	11.72	7.76	50
30	9.04	.886	10.79	7.63	50
50	8.27	.716	9.86	7.27	50
75	7.96	.605	9.48	6.86	50
100	7.83	.511	9.35	6.86	50
125	7.62	.478	9.43	6.82	50
150	7.38	.395	8.85	6.55	50
175	7.09	.351	8.27	6.28	50
200	6.80	.313	7.73	6.10	50
225	6.52	.297	7.27	5.85	50
250	6.27	.261	6.86	5.61	50
300	5.84	.273	6.43	5.20	50
400	5.21	.221	5.61	4.68	48
500	4.77	.176	5.05	4.23	44
600	4.42	.148	4.74	4.09	43
700	4.14	.116	4.41	3.84	43
800	3.89	.104	4.09	3.59	43
900	3.65	.107	3.84	3.38	43
1000	3.42	.103	3.60	3.19	42
1200	2.99	.092	3.16	2.83	32
1500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
355.8	41.26	450.4	294.9	50
346.1	33.05	417.4	294.6	50
321.4	25.54	373.1	272.3	50
296.3	20.64	351.9	265.4	50
268.3	14.63	312.2	244.6	50
236.6	25.59	287.2	190.8	50
197.5	21.81	274.0	165.4	50
173.0	14.65	232.7	152.3	50
158.4	9.79	198.8	143.5	50
149.0	6.67	172.8	137.9	50
142.4	4.93	159.2	133.9	50
137.5	4.04	149.7	129.3	50
133.5	3.57	141.7	125.1	50
126.1	3.43	134.7	117.7	50
114.5	3.23	121.9	107.2	48
104.6	2.89	111.4	99.0	44
95.8	2.68	101.7	90.4	43
87.9	2.53	93.4	83.1	43
81.1	2.25	85.6	76.5	43
75.1	2.16	80.3	71.2	43
69.9	2.08	73.8	65.3	42
61.8	1.74	64.9	59.3	32
n/a	n/a	n/a	n/a	0

STATION MP04 M A Y 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	50
10	.353	.0373	.430	.290	50
20	.690	.0616	.830	.590	50
30	.999	.0760	1.170	.880	50
50	1.562	.0929	1.770	1.400	50
75	2.199	.1247	2.470	1.990	50
100	2.741	.1718	3.090	2.460	50
125	3.207	.2083	3.720	2.860	50
150	3.625	.2332	4.270	3.240	50
175	4.016	.2507	4.740	3.590	50
200	4.387	.2624	5.160	3.940	50
225	4.744	.2709	5.550	4.280	50
250	5.091	.2788	5.930	4.600	50
300	5.759	.2901	6.620	5.230	50
400	7.004	.3164	7.920	6.390	48
500	8.191	.3163	9.120	7.710	44
600	9.247	.3343	10.220	8.740	43
700	10.231	.3480	11.230	9.710	43
800	11.148	.3597	12.160	10.610	43
900	12.006	.3709	13.030	11.450	43
1000	12.823	.3787	13.840	12.250	42
1200	14.348	.4250	15.320	13.700	32
1500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	50
.02	.000	.02	.02	50
.07	.007	.08	.06	50
.15	.010	.17	.13	50
.38	.020	.43	.34	50
.78	.047	.90	.71	50
1.26	.098	1.49	1.12	50
1.80	.146	2.23	1.58	50
2.38	.184	2.99	2.11	50
3.03	.214	3.77	2.70	50
3.74	.238	4.59	3.36	50
4.51	.257	5.43	4.09	50
5.35	.276	6.33	4.88	50
7.23	.312	8.29	6.63	50
11.66	.407	12.92	10.78	48
16.97	.496	18.43	16.18	44
22.91	.628	24.56	21.80	43
29.43	.779	31.27	27.95	43
36.43	.938	38.40	34.57	43
43.86	1.108	46.15	41.65	43
51.70	1.291	54.43	49.16	42
68.44	1.758	71.77	65.23	32
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.76	.228	6.99	6.41	7
10	6.91	.254	7.23	6.44	7
20	6.75	.306	7.06	6.18	7
30	6.65	.314	6.88	6.05	7
50	6.18	.783	6.81	4.51	7
75	5.28	.816	6.27	4.24	7
100	4.16	.884	5.86	3.45	7
125	3.55	.562	4.37	2.97	7
150	3.07	.338	3.52	2.67	7
175	2.84	.288	3.22	2.48	7
200	2.75	.383	3.43	2.33	7
225	2.58	.440	3.39	2.13	7
250	2.40	.423	3.12	1.94	7
300	1.86	.215	2.09	1.48	7
400	1.24	.139	1.37	1.02	7
500	.81	.077	.90	.69	7
600	.56	.087	.69	.46	7
700	.43	.047	.49	.36	7
800	.34	.035	.39	.29	7
900	.36	.047	.43	.30	7
1000	.38	.061	.48	.31	7
1200	.49	.057	.54	.39	7
1500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1488	3.6	1496	1483	50
1487	3.5	1495	1479	50
1486	3.8	1493	1479	50
1484	3.3	1491	1479	50
1482	2.8	1488	1478	50
1481	2.4	1487	1477	50
1482	2.1	1487	1478	50
1482	1.8	1488	1479	50
1481	1.6	1487	1478	50
1481	1.3	1485	1478	50
1480	1.3	1484	1477	50
1480	1.2	1482	1477	50
1479	1.1	1481	1476	50
1478	1.2	1480	1475	50
1477	.8	1479	1475	48
1477	.8	1478	1475	44
1477	.8	1479	1476	43
1478	.5	1479	1477	43
1479	.5	1480	1478	43
1480	.6	1480	1478	43
1480	.6	1481	1479	42
1482	.4	1483	1481	32
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.824	.3778	13.835	12.250	42
10	12.463	.3653	13.469	11.908	42
20	12.122	.3547	13.112	11.553	42
30	11.810	.3467	12.783	11.250	42
50	11.248	.3302	12.181	10.721	42
75	10.609	.3024	11.451	10.076	42
100	10.061	.2697	10.756	9.551	42
125	9.591	.2456	10.115	9.102	42
150	9.170	.2300	9.624	8.707	42
175	8.777	.2198	9.232	8.336	42
200	8.404	.2110	8.851	7.988	42
225	8.045	.2033	8.480	7.644	42
250	7.697	.1962	8.119	7.313	42
300	7.026	.1821	7.421	6.680	42
400	5.777	.1511	6.111	5.482	42
500	4.628	.1220	4.898	4.391	42
600	3.566	.0956	3.772	3.388	42
700	2.582	.0698	2.736	2.459	42
800	1.665	.0452	1.767	1.577	42
900	.807	.0223	.855	.760	42
1000	.000	.0000	.000	.000	42
1200	-1.486	.0408	-1.429	-1.566	32
1500	n/a	n/a	n/a	n/a	0

STATION MP04 J U N E 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.51	1.591	14.66	8.81	19
10	12.19	1.577	14.39	8.81	19
20	11.24	1.530	12.98	7.80	19
30	9.95	1.488	12.95	7.51	19
50	8.43	.833	9.82	7.08	19
75	7.67	.627	8.98	6.92	19
100	7.49	.422	8.47	6.88	19
125	7.34	.297	7.93	6.63	19
150	7.09	.215	7.52	6.60	19
175	6.88	.192	7.21	6.52	19
200	6.61	.177	6.86	6.29	19
225	6.33	.181	6.66	6.08	19
250	6.11	.194	6.49	5.85	19
300	5.72	.188	6.09	5.48	19
400	5.10	.139	5.30	4.89	18
500	4.75	.139	4.94	4.54	18
600	4.44	.138	4.70	4.22	17
700	4.18	.134	4.45	4.00	17
800	3.96	.122	4.20	3.76	17
900	3.74	.110	3.97	3.58	17
1000	3.53	.091	3.70	3.40	16
1200	3.11	.126	3.29	2.92	9
1500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.697	.3657	32.200	31.122	19
31.721	.3450	32.240	31.189	19
31.899	.2811	32.510	31.467	19
32.157	.2427	32.660	31.753	19
32.478	.1705	32.910	32.260	19
32.829	.2290	33.160	32.431	19
33.330	.1898	33.634	32.994	19
33.646	.1122	33.796	33.464	19
33.802	.0734	33.945	33.623	19
33.879	.0507	33.970	33.743	19
33.918	.0358	33.987	33.847	19
33.936	.0323	33.999	33.867	19
33.955	.0326	34.009	33.878	19
33.981	.0372	34.043	33.909	19
34.045	.0200	34.078	34.014	18
34.115	.0193	34.154	34.085	18
34.187	.0219	34.238	34.158	17
34.250	.0235	34.300	34.210	17
34.305	.0221	34.348	34.269	17
34.355	.0184	34.398	34.337	17
34.391	.0168	34.438	34.365	16
34.456	.0148	34.490	34.442	9
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.946	.5413	24.943	23.085	19
10	24.025	.5274	24.966	23.192	19
20	24.336	.4543	25.344	23.720	19
30	24.758	.4193	25.489	24.019	19
50	25.252	.2347	25.644	24.868	19
75	25.640	.2386	25.961	25.136	19
100	26.058	.1764	26.365	25.653	19
125	26.328	.1002	26.493	26.127	19
150	26.485	.0646	26.608	26.320	19
175	26.575	.0470	26.667	26.442	19
200	26.641	.0315	26.705	26.571	19
225	26.693	.0259	26.751	26.650	19
250	26.735	.0260	26.787	26.686	19
300	26.806	.0245	26.854	26.771	19
400	26.929	.0162	26.961	26.898	18
500	27.025	.0174	27.059	26.996	18
600	27.116	.0252	27.162	27.064	17
700	27.194	.0243	27.236	27.136	17
800	27.261	.0239	27.299	27.208	17
900	27.322	.0197	27.363	27.291	17
1000	27.371	.0164	27.408	27.337	16
1200	27.463	.0144	27.490	27.448	9
1500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
397.1	51.62	479.3	302.1	19
389.8	50.31	469.3	300.1	19
360.3	43.32	419.1	264.2	19
320.3	40.00	390.8	250.6	19
273.5	22.38	310.1	236.2	19
236.9	22.73	285.0	206.3	19
197.5	16.77	236.2	168.4	19
172.3	9.52	191.5	156.7	19
157.8	6.16	173.5	146.1	19
149.5	4.49	162.2	140.8	19
143.5	3.01	150.2	137.5	19
138.8	2.48	143.1	133.3	19
135.1	2.52	140.0	130.1	19
128.8	2.36	131.9	124.2	19
117.8	1.61	120.8	114.6	18
109.4	1.76	112.3	106.2	18
101.5	2.50	106.7	97.1	17
94.7	2.42	100.5	90.8	17
88.9	2.37	94.3	85.3	17
83.6	2.01	86.9	79.6	17
79.3	1.68	82.8	75.9	16
71.0	1.57	72.9	67.9	9
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.51	1.591	14.66	8.81	19
10	12.19	1.577	14.39	8.81	19
20	11.23	1.530	12.98	7.80	19
30	9.95	1.488	12.95	7.51	19
50	8.43	.829	9.81	7.08	19
75	7.66	.626	8.97	6.92	19
100	7.48	.421	8.46	6.87	19
125	7.32	.297	7.92	6.62	19
150	7.08	.216	7.51	6.59	19
175	6.86	.189	7.20	6.51	19
200	6.59	.175	6.84	6.27	19
225	6.31	.181	6.64	6.06	19
250	6.09	.194	6.47	5.83	19
300	5.69	.188	6.07	5.45	19
400	5.07	.140	5.27	4.86	18
500	4.71	.139	4.90	4.50	18
600	4.39	.138	4.65	4.17	17
700	4.13	.133	4.40	3.95	17
800	3.90	.121	4.13	3.70	17
900	3.67	.110	3.91	3.51	17
1000	3.46	.090	3.62	3.33	16
1200	3.03	.127	3.20	2.83	9
1500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
397.1	51.62	479.3	302.1	19
389.6	50.29	469.0	299.9	19
359.8	43.27	418.6	263.9	19
319.7	39.91	390.0	250.1	19
272.6	22.30	309.1	235.3	19
235.7	22.67	283.6	205.2	19
195.9	16.74	234.4	166.8	19
170.2	9.49	189.3	154.7	19
155.4	6.14	171.0	143.6	19
146.8	4.47	159.4	138.1	19
140.5	2.97	147.1	134.5	19
135.5	2.44	139.6	130.0	19
131.5	2.46	136.2	126.6	19
124.8	2.32	128.1	120.3	19
113.0	1.54	116.0	110.0	18
103.9	1.65	106.6	100.7	18
95.2	2.36	100.1	90.9	17
87.8	2.31	93.2	83.8	17
81.4	2.23	86.4	77.8	17
75.5	1.88	78.5	71.6	17
70.8	1.56	74.0	67.3	16
62.1	1.32	63.4	59.5	9
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	19
10	.395	.0517	.470	.300	19
20	.773	.0943	.920	.600	19
30	1.114	.1276	1.290	.850	19
50	1.704	.1773	1.910	1.350	19
75	2.344	.2171	2.620	1.920	19
100	2.883	.2529	3.290	2.400	19
125	3.342	.2748	3.820	2.810	19
150	3.754	.2870	4.260	3.190	19
175	4.137	.2973	4.660	3.550	19
200	4.504	.3026	5.030	3.900	19
225	4.856	.3059	5.380	4.240	19
250	5.198	.3071	5.720	4.570	19
300	5.857	.3078	6.380	5.200	19
400	7.108	.3016	7.620	6.400	18
500	8.246	.3116	8.780	7.510	18
600	9.291	.3331	9.850	8.530	17
700	10.269	.3467	10.850	9.480	17
800	11.187	.3622	11.770	10.350	17
900	12.049	.3769	12.660	11.180	17
1000	12.917	.3244	13.490	12.230	16
1200	14.428	.3420	14.840	13.680	9
1500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	19
.02	.000	.02	.02	19
.08	.009	.09	.06	19
.16	.019	.19	.12	19
.40	.040	.46	.33	19
.81	.071	.93	.69	19
1.29	.109	1.52	1.12	19
1.82	.140	2.12	1.59	19
2.39	.163	2.74	2.12	19
3.03	.181	3.40	2.72	19
3.73	.196	4.11	3.38	19
4.49	.205	4.89	4.12	19
5.32	.212	5.71	4.91	19
7.16	.218	7.55	6.89	19
11.55	.248	11.97	10.97	18
16.75	.308	17.25	16.05	18
22.64	.420	23.28	21.75	17
29.13	.557	29.90	28.01	17
36.13	.720	37.24	34.72	17
43.60	.894	45.04	41.87	17
51.60	.960	53.20	49.60	16
68.21	1.339	70.14	65.90	9
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.49	n/a	n/a	n/a	1
10	6.71	n/a	n/a	n/a	1
20	7.10	n/a	n/a	n/a	1
30	6.70	n/a	n/a	n/a	1
50	5.64	n/a	n/a	n/a	1
75	4.50	n/a	n/a	n/a	1
100	3.94	n/a	n/a	n/a	1
125	3.55	n/a	n/a	n/a	1
150	3.18	n/a	n/a	n/a	1
175	3.06	n/a	n/a	n/a	1
200	2.80	n/a	n/a	n/a	1
225	2.69	n/a	n/a	n/a	1
250	2.60	n/a	n/a	n/a	1
300	2.19	n/a	n/a	n/a	1
400	1.35	n/a	n/a	n/a	1
500	.92	n/a	n/a	n/a	1
600	.46	n/a	n/a	n/a	1
700	.43	n/a	n/a	n/a	1
800	.42	n/a	n/a	n/a	1
900	.42	n/a	n/a	n/a	1
1000	.42	n/a	n/a	n/a	1
1200	.38	n/a	n/a	n/a	1
1500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1495	5.3	1502	1482	19
1494	5.2	1501	1483	19
1491	5.2	1497	1479	19
1487	5.2	1497	1478	19
1482	5.0	1487	1477	19
1480	2.3	1485	1477	19
1480	1.6	1484	1478	19
1481	1.1	1483	1478	19
1480	.9	1482	1478	19
1480	.9	1481	1478	19
1479	.7	1480	1478	19
1479	.7	1480	1478	19
1478	.9	1480	1477	19
1477	.8	1479	1476	19
1477	.6	1478	1476	18
1477	.8	1478	1476	18
1477	.6	1478	1476	17
1478	.7	1479	1477	17
1479	.6	1480	1478	17
1480	.6	1481	1479	17
1481	.5	1481	1480	16
1482	.7	1483	1481	9
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.918	.3246	13.486	12.228	16
10	12.511	.3132	13.080	11.874	16
20	12.122	.3043	12.685	11.525	16
30	11.773	.2833	12.295	11.201	16
50	11.173	.2469	11.602	10.662	16
75	10.528	.2129	10.862	10.094	16
100	9.986	.1729	10.216	9.629	16
125	9.523	.1517	9.748	9.219	16
150	9.108	.1407	9.329	8.831	16
175	8.724	.1350	8.942	8.459	16
200	8.357	.1312	8.571	8.099	16
225	8.003	.1279	8.214	7.753	16
250	7.661	.1249	7.866	7.419	16
300	7.001	.1207	7.200	6.765	16
400	5.771	.1127	5.963	5.543	16
500	4.635	.0989	4.812	4.441	16
600	3.580	.0797	3.733	3.427	16
700	2.598	.0579	2.711	2.490	16
800	1.679	.0362	1.744	1.609	16
900	.814	.0169	.842	.778	16
1000	.000	.0000	.000	.000	16
1200	-1.495	.0302	-1.455	-1.537	9
1500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.19	1.093	15.02	11.47	16
10	12.86	1.099	14.73	11.16	16
20	11.56	1.390	13.64	8.96	16
30	10.52	1.583	13.54	7.93	16
50	8.80	1.067	10.84	7.16	16
75	7.98	.645	8.96	6.99	16
100	7.78	.535	8.77	6.72	16
125	7.55	.396	8.17	6.51	16
150	7.27	.365	7.84	6.29	16
175	6.99	.363	7.56	5.99	16
200	6.74	.362	7.18	5.77	16
225	6.51	.381	7.03	5.62	16
250	6.29	.360	6.80	5.47	16
300	5.86	.300	6.22	5.04	16
400	5.27	.200	5.65	4.82	16
500	4.85	.109	5.06	4.61	15
600	4.50	.125	4.66	4.15	15
700	4.22	.085	4.33	3.99	15
800	3.95	.076	4.06	3.78	15
900	3.72	.069	3.81	3.54	15
1000	3.51	.069	3.60	3.34	14
1200	3.11	.065	3.21	3.03	8
1500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.969	.2960	32.250	30.970	16
32.000	.2085	32.320	31.400	16
32.140	.1879	32.485	31.787	16
32.267	.1877	32.577	31.974	16
32.515	.1576	32.890	32.259	16
32.831	.2883	33.310	32.527	16
33.285	.2777	33.634	32.708	16
33.655	.1481	33.835	33.245	16
33.815	.0717	33.896	33.577	16
33.887	.0420	33.936	33.765	16
33.929	.0270	33.974	33.872	16
33.951	.0227	33.986	33.908	16
33.970	.0237	34.016	33.930	16
33.997	.0229	34.045	33.967	16
34.046	.0321	34.108	33.996	16
34.118	.0348	34.188	34.067	15
34.183	.0389	34.266	34.125	15
34.252	.0450	34.357	34.200	15
34.304	.0500	34.427	34.238	15
34.354	.0623	34.485	34.222	15
34.389	.0799	34.536	34.191	14
34.411	.0731	34.443	34.231	8
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.030	.3594	24.529	22.949	16
10	24.117	.3615	24.670	23.529	16
20	24.467	.3516	25.129	23.956	16
30	24.745	.3875	25.298	23.969	16
50	25.223	.2650	25.726	24.780	16
75	25.596	.2998	26.065	25.224	16
100	25.982	.2766	26.404	25.445	16
125	26.306	.1543	26.590	25.954	16
150	26.471	.0891	26.654	26.273	16
175	26.566	.0643	26.701	26.450	16
200	26.632	.0523	26.759	26.566	16
225	26.681	.0496	26.792	26.613	16
250	26.724	.0444	26.818	26.668	16
300	26.800	.0358	26.884	26.745	16
400	26.911	.0378	26.983	26.855	16
500	27.016	.0335	27.067	26.963	15
600	27.105	.0355	27.168	27.044	15
700	27.191	.0369	27.267	27.138	15
800	27.261	.0399	27.346	27.207	15
900	27.323	.0490	27.420	27.210	15
1000	27.373	.0627	27.480	27.207	14
1200	27.428	.0619	27.455	27.275	8
1500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
389.1	34.28	492.2	341.5	16
381.0	26.85	437.1	328.3	16
347.9	33.52	396.6	284.8	16
321.6	36.96	395.6	259.3	16
276.3	25.29	318.5	228.4	16
241.1	28.54	276.6	196.5	16
204.9	26.33	256.8	164.6	16
174.5	14.70	207.9	147.3	16
159.2	8.54	177.9	141.5	16
150.5	6.20	161.5	137.3	16
144.5	5.09	150.9	132.0	16
140.1	4.87	146.7	129.1	16
136.2	4.37	141.8	126.9	16
129.5	3.56	134.9	121.0	16
119.7	3.71	125.1	112.4	16
110.4	3.23	115.5	105.3	15
102.5	3.43	108.6	96.7	15
95.0	3.47	100.2	88.1	15
88.9	3.73	93.9	81.2	15
83.4	4.57	94.2	74.6	15
79.1	5.81	94.6	69.3	14
74.3	5.86	88.7	71.6	8
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.19	1.093	15.02	11.47	16
10	12.86	1.099	14.73	11.16	16
20	11.55	1.389	13.64	8.96	16
30	10.52	1.583	13.54	7.93	16
50	8.80	1.064	10.83	7.16	16
75	7.97	.645	8.95	6.98	16
100	7.77	.535	8.76	6.71	16
125	7.53	.395	8.15	6.50	16
150	7.25	.366	7.83	6.27	16
175	6.97	.364	7.55	5.97	16
200	6.72	.362	7.16	5.75	16
225	6.49	.381	7.01	5.60	16
250	6.27	.362	6.78	5.44	16
300	5.83	.298	6.19	5.02	16
400	5.23	.201	5.62	4.78	16
500	4.81	.109	5.02	4.57	15
600	4.46	.125	4.61	4.10	15
700	4.16	.084	4.28	3.94	15
800	3.89	.075	4.00	3.72	15
900	3.65	.067	3.74	3.48	15
1000	3.44	.067	3.53	3.27	14
1200	3.02	.061	3.12	2.95	8
1500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
389.1	34.28	492.2	341.5	16
380.7	26.84	436.8	328.0	16
347.4	33.48	396.1	284.4	16
320.9	36.89	394.8	258.8	16
275.4	25.19	317.5	227.6	16
239.9	28.50	275.3	195.4	16
203.2	26.27	254.2	163.1	16
172.3	14.64	205.8	145.4	16
156.7	8.46	175.5	139.3	16
147.7	6.09	158.6	134.8	16
141.4	4.93	147.6	129.4	16
136.7	4.69	143.1	126.2	16
132.6	4.19	137.8	125.7	16
125.4	3.38	130.6	117.5	16
114.8	3.59	120.1	107.9	16
104.7	3.18	109.8	99.9	15
96.2	3.36	102.0	90.2	15
88.0	3.49	93.0	80.8	15
81.4	3.77	86.5	73.3	15
75.4	4.65	86.3	66.3	15
70.7	5.93	86.3	60.5	14
65.4	5.84	79.8	62.8	8
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	16
10	.389	.0324	.480	.340	16
20	.753	.0528	.850	.640	16
30	1.088	.0742	1.190	.920	16
50	1.686	.1234	1.860	1.410	16
75	2.330	.1798	2.560	1.930	16
100	2.885	.2394	3.180	2.380	16
125	3.357	.2845	3.720	2.760	16
150	3.772	.3069	4.160	3.120	16
175	4.159	.3223	4.570	3.470	16
200	4.528	.3331	4.960	3.810	16
225	4.882	.3433	5.320	4.130	16
250	5.227	.3513	5.680	4.450	16
300	5.891	.3654	6.360	5.070	16
400	7.136	.3930	7.610	6.240	16
500	8.309	.4209	8.790	7.330	15
600	9.375	.4390	9.880	8.350	15
700	10.363	.4569	10.930	9.300	15
800	11.281	.4711	11.890	10.190	15
900	12.144	.4932	12.830	11.020	15
1000	12.966	.5417	13.780	11.800	14
1200	14.567	.6959	15.610	13.290	8
1500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	16
.02	.000	.02	.02	16
.08	.006	.08	.06	16
.16	.013	.18	.13	16
.40	.035	.45	.33	16
.81	.071	.91	.67	16
1.31	.131	1.46	1.06	16
1.85	.185	2.12	1.50	16
2.43	.220	2.78	2.00	16
3.07	.247	3.49	2.58	16
3.77	.268	4.23	3.23	16
4.54	.292	5.03	3.93	16
5.37	.314	5.89	4.70	16
7.24	.359	7.79	6.44	16
11.67	.467	12.27	10.62	16
16.99	.609	17.72	15.61	15
22.95	.753	23.85	21.29	15
29.49	.922	30.76	27.63	15
36.50	1.133	38.14	34.39	15
43.98	1.458	46.26	41.57	15
51.86	1.972	55.46	48.62	14
69.94	2.832	75.98	65.89	8
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.31	.442	6.78	5.90	3
10	6.37	.535	6.95	5.90	3
20	6.58	.271	6.89	6.42	3
30	6.25	.292	6.59	6.07	3
50	6.20	.183	6.36	6.00	3
75	5.78	.483	6.19	5.25	3
100	4.50	.557	5.14	4.17	3
125	3.56	.427	4.05	3.27	3
150	3.00	.237	3.20	2.74	3
175	3.06	.302	3.40	2.83	3
200	2.72	.105	2.82	2.61	3
225	2.41	.152	2.55	2.25	3
250	2.15	.186	2.30	1.94	3
300	1.72	.116	1.80	1.59	3
400	1.46	.324	1.81	1.17	3
500	.95	.210	1.16	.74	3
600	.69	.244	.97	.52	3
700	.54	.176	.74	.43	3
800	.40	.118	.53	.30	3
900	.36	.101	.48	.30	3
1000	.37	.085	.43	.31	3
1200	.30	.064	.34	.25	2
1500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1498	3.6	1504	1492	16
1497	3.6	1503	1491	16
1493	4.8	1500	1484	16
1489	5.5	1499	1480	16
1484	5.9	1491	1477	16
1481	2.3	1485	1478	16
1481	1.8	1485	1478	16
1482	1.4	1484	1478	16
1481	1.4	1483	1477	16
1480	1.5	1483	1476	16
1480	1.5	1482	1476	16
1479	1.5	1481	1476	16
1479	1.4	1481	1476	16
1478	1.2	1480	1475	16
1477	.8	1479	1476	16
1477	.6	1478	1476	15
1478	.6	1478	1476	15
1478	.5	1479	1477	15
1479	.4	1479	1478	15
1479	.5	1480	1479	15
1480	.4	1481	1480	14
1482	.0	1482	1482	8
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.966	.5408	13.779	11.802	14
10	12.576	.5286	13.382	11.462	14
20	12.208	.5107	12.996	11.157	14
30	11.874	.4899	12.626	10.884	14
50	11.277	.4534	11.953	10.395	14
75	10.629	.4085	11.230	9.870	14
100	10.069	.3560	10.607	9.421	14
125	9.592	.3166	10.062	9.039	14
150	9.175	.2975	9.618	8.680	14
175	8.787	.2867	9.224	8.332	14
200	8.416	.2782	8.853	7.966	14
225	8.059	.2715	8.497	7.611	14
250	7.712	.2665	8.152	7.265	14
300	7.045	.2561	7.488	6.604	14
400	5.797	.2293	6.213	5.382	14
500	4.644	.1965	5.017	4.276	14
600	3.580	.1657	3.896	3.259	14
700	2.593	.1317	2.852	2.337	14
800	1.676	.0978	1.887	1.492	14
900	.813	.0545	.949	.715	14
1000	.000	.0000	.000	.000	14
1200	-1.549	.1147	-1.474	-1.829	8
1500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	14.59	1.717	16.95	10.86	34
10	14.16	1.811	16.81	10.86	34
20	12.63	1.963	16.72	9.82	34
30	10.61	1.586	14.25	7.94	34
50	8.61	.892	10.33	7.00	34
75	7.93	.706	9.34	6.98	34
100	7.65	.508	9.02	6.78	34
125	7.43	.340	8.08	6.54	34
150	7.24	.301	7.82	6.23	34
175	6.99	.302	7.52	5.96	34
200	6.74	.306	7.28	5.74	34
225	6.50	.300	7.03	5.54	34
250	6.29	.283	6.80	5.42	34
300	5.91	.260	6.41	5.16	34
400	5.34	.278	5.83	4.66	33
500	4.90	.203	5.27	4.41	33
600	4.53	.134	4.80	4.17	30
700	4.26	.097	4.49	3.96	30
800	4.01	.091	4.20	3.73	29
900	3.75	.072	3.91	3.59	28
1000	3.53	.062	3.67	3.40	28
1200	3.12	.066	3.20	2.91	21
1500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.094	.2715	33.123	31.659	34
32.075	.1837	32.485	31.735	34
32.185	.1927	32.568	31.868	34
32.340	.1591	32.619	31.950	34
32.555	.1311	32.835	32.300	34
32.889	.2050	33.343	32.451	34
33.349	.1946	33.678	32.911	34
33.656	.1058	33.828	33.416	34
33.818	.0597	33.913	33.667	34
33.896	.0322	33.950	33.822	34
33.932	.0273	33.973	33.869	34
33.948	.0286	33.997	33.884	34
33.962	.0283	34.021	33.896	34
33.991	.0338	34.055	33.911	34
34.045	.0307	34.104	33.958	33
34.108	.0301	34.154	34.019	33
34.178	.0244	34.221	34.115	30
34.242	.0181	34.282	34.201	30
34.298	.0188	34.335	34.267	29
34.343	.0235	34.384	34.302	28
34.384	.0225	34.419	34.318	28
34.449	.0310	34.494	34.346	21
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.833	.5020	24.851	23.080	34
10	23.906	.4836	24.851	23.101	34
20	24.293	.5061	25.063	23.223	34
30	24.785	.3606	25.283	23.942	34
50	25.285	.2021	25.660	24.843	34
75	25.649	.2380	26.139	25.147	34
100	26.050	.2006	26.356	25.591	34
125	26.322	.1118	26.520	26.041	34
150	26.478	.0721	26.643	26.337	34
175	26.573	.0528	26.714	26.477	34
200	26.634	.0456	26.756	26.560	34
225	26.680	.0413	26.793	26.611	34
250	26.718	.0388	26.821	26.646	34
300	26.789	.0369	26.885	26.722	34
400	26.901	.0416	27.005	26.822	33
500	27.002	.0369	27.092	26.936	33
600	27.099	.0279	27.168	27.029	30
700	27.179	.0194	27.220	27.143	30
800	27.249	.0192	27.299	27.215	29
900	27.312	.0192	27.356	27.279	28
1000	27.366	.0183	27.406	27.317	28
1200	27.457	.0266	27.489	27.369	21
1500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
407.9	47.87	479.7	310.9	34
401.2	46.14	478.0	311.1	34
364.5	48.31	466.7	291.1	34
317.7	34.42	398.2	270.2	34
270.4	19.30	312.6	234.6	34
236.1	22.70	284.0	189.4	34
198.3	19.12	242.2	169.1	34
172.9	10.66	199.7	153.9	34
158.5	6.89	172.0	142.6	34
149.8	5.09	159.1	136.1	34
144.2	4.44	151.5	132.3	34
140.1	4.03	146.9	128.9	34
136.7	3.78	143.9	126.6	34
130.6	3.61	137.2	120.9	34
120.7	4.13	128.5	110.2	33
111.8	3.66	118.3	102.7	33
103.2	2.78	110.1	96.2	30
96.2	1.93	99.7	91.9	30
90.1	1.90	93.5	84.9	29
84.5	1.84	87.5	80.0	28
79.8	1.74	84.2	75.7	28
71.6	2.53	80.0	68.5	21
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	14.59	1.717	16.95	10.86	34
10	14.16	1.811	16.81	10.86	34
20	12.63	1.963	16.72	9.82	34
30	10.61	1.586	14.25	7.94	34
50	8.60	.889	10.32	7.00	34
75	7.92	.705	9.33	6.98	34
100	7.64	.508	9.01	6.77	34
125	7.42	.340	8.07	6.52	34
150	7.25	.301	7.80	6.22	34
175	6.97	.301	7.51	5.95	34
200	6.72	.305	7.26	5.73	34
225	6.48	.300	7.01	5.52	34
250	6.27	.283	6.78	5.40	34
300	5.89	.258	6.38	5.14	34
400	5.31	.279	5.80	4.63	33
500	4.86	.202	5.23	4.38	33
600	4.48	.132	4.75	4.13	30
700	4.20	.096	4.44	3.91	30
800	3.95	.090	4.13	3.67	29
900	3.68	.072	3.84	3.52	28
1000	3.46	.060	3.60	3.33	28
1200	3.03	.067	3.11	2.82	21
1500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
407.9	47.87	479.7	310.9	34
400.9	46.12	477.7	310.8	34
364.0	48.25	466.1	290.7	34
317.1	34.35	397.4	269.7	34
269.5	19.21	311.5	233.9	34
234.8	22.62	282.6	188.3	34
196.7	19.06	240.3	167.6	34
170.8	10.61	197.5	152.0	34
156.0	6.83	169.3	140.4	34
147.0	4.99	156.1	133.7	34
141.1	4.33	148.2	129.6	34
136.7	3.90	143.3	126.1	34
133.1	3.67	139.9	123.4	34
126.4	3.49	132.7	117.3	34
115.7	3.92	123.1	105.9	33
106.1	3.48	112.3	97.5	33
96.8	2.64	103.4	90.3	30
89.2	1.82	92.6	85.4	30
82.4	1.80	85.7	77.8	29
76.5	1.82	79.6	72.3	28
71.4	1.74	76.0	67.5	28
62.6	2.50	71.0	59.6	21
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	34
10	.407	.0460	.480	.310	34
20	.794	.0910	.950	.610	34
30	1.135	.1274	1.400	.900	34
50	1.718	.1673	2.070	1.440	34
75	2.353	.2128	2.790	1.980	34
100	2.891	.2608	3.440	2.440	34
125	3.354	.2934	3.990	2.850	34
150	3.765	.3117	4.450	3.240	34
175	4.149	.3241	4.860	3.600	34
200	4.517	.3337	5.250	3.950	34
225	4.873	.3396	5.620	4.290	34
250	5.218	.3463	5.980	4.620	34
300	5.886	.3561	6.680	5.250	34
400	7.155	.3800	7.990	6.410	33
500	8.316	.4084	9.220	7.470	33
600	9.372	.4459	10.350	8.460	30
700	10.368	.4587	11.380	9.410	30
800	11.307	.4759	12.340	10.290	29
900	12.142	.4481	12.990	11.120	28
1000	12.962	.4555	13.820	11.890	28
1200	14.412	.4952	15.250	13.330	21
1500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	34
.02	.000	.02	.02	34
.08	.010	.10	.06	34
.17	.019	.21	.13	34
.40	.036	.48	.35	34
.81	.068	.95	.69	34
1.28	.113	1.52	1.08	34
1.81	.154	2.15	1.54	34
2.39	.182	2.79	2.06	34
3.03	.201	3.47	2.64	34
3.73	.220	4.21	3.28	34
4.50	.238	5.02	3.99	34
5.34	.255	5.89	4.76	34
7.21	.293	7.83	6.49	34
11.69	.404	12.53	10.62	33
17.02	.564	18.16	15.50	33
22.98	.716	24.48	21.06	30
29.58	.836	31.35	27.32	30
36.68	.955	38.64	34.04	29
44.17	1.002	46.20	41.21	28
52.11	1.110	54.05	48.73	28
68.84	1.463	71.01	64.88	21
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.12	.348	6.64	5.80	5
10	6.26	.425	6.81	5.83	5
20	6.22	.369	6.86	5.92	5
30	6.28	.555	7.24	5.88	5
50	6.18	.279	6.44	5.71	5
75	5.20	.522	5.75	4.64	5
100	4.29	.415	4.67	3.70	5
125	3.79	.393	4.24	3.37	5
150	3.29	.416	4.00	2.92	5
175	3.00	.198	3.23	2.68	5
200	2.88	.408	3.50	2.43	5
225	2.86	.621	3.90	2.31	5
250	2.62	.448	3.34	2.22	5
300	2.07	.309	2.46	1.74	5
400	1.31	.168	1.51	1.11	5
500	.84	.125	1.04	.74	5
600	.57	.058	.66	.52	5
700	.43	.059	.53	.36	5
800	.29	.061	.35	.22	4
900	.28	.054	.34	.21	4
1000	.30	.049	.35	.24	4
1200	.38	.092	.45	.32	2
1500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1502	5.5	1510	1490	34
1501	5.5	1510	1490	34
1496	6.5	1509	1487	34
1490	5.5	1502	1480	34
1483	3.4	1489	1477	34
1481	2.7	1486	1477	34
1481	1.9	1486	1478	34
1481	1.3	1483	1478	34
1481	1.2	1483	1477	34
1480	1.2	1482	1476	34
1480	1.2	1482	1476	34
1479	1.2	1481	1475	34
1479	1.3	1481	1475	34
1478	1.1	1480	1475	34
1478	1.2	1480	1475	33
1478	.9	1479	1476	33
1478	.6	1479	1476	30
1478	.5	1479	1477	30
1479	.4	1480	1478	29
1480	.5	1480	1479	28
1480	.5	1481	1480	28
1482	.2	1482	1481	21
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.962	.4551	13.818	11.893	28
10	12.551	.4252	13.355	11.476	28
20	12.163	.3909	12.895	11.136	28
30	11.822	.3613	12.468	10.842	28
50	11.240	.3232	11.863	10.342	28
75	10.607	.2793	11.159	9.810	28
100	10.072	.2385	10.533	9.363	28
125	9.612	.2139	10.022	8.961	28
150	9.201	.2007	9.594	8.591	28
175	8.818	.1902	9.193	8.244	28
200	8.453	.1814	8.814	7.909	28
225	8.099	.1733	8.444	7.583	28
250	7.755	.1659	8.085	7.263	28
300	7.091	.1521	7.391	6.644	28
400	5.842	.1226	6.063	5.486	28
500	4.688	.0920	4.827	4.421	28
600	3.617	.0677	3.731	3.430	28
700	2.622	.0501	2.697	2.484	28
800	1.692	.0343	1.752	1.605	28
900	.820	.0178	.858	.777	28
1000	.000	.0000	.000	.000	28
1200	-1.507	.0413	-1.441	-1.638	21
1500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	14.32	1.742	18.60	10.00	28
10	13.79	2.012	18.23	9.70	28
20	12.73	2.329	17.27	9.21	28
30	10.94	1.949	15.00	7.76	28
50	8.58	.674	9.99	7.39	28
75	7.80	.567	9.20	6.79	28
100	7.55	.336	8.18	6.88	28
125	7.41	.254	7.85	6.97	28
150	7.23	.240	7.75	6.85	28
175	7.04	.217	7.50	6.46	28
200	6.81	.236	7.25	6.08	28
225	6.55	.249	6.86	5.66	28
250	6.33	.252	6.75	5.46	28
300	5.94	.270	6.40	5.13	28
400	5.36	.250	5.67	4.60	28
500	4.95	.235	5.28	4.28	28
600	4.59	.157	4.84	4.21	28
700	4.28	.116	4.49	4.01	28
800	4.02	.098	4.22	3.80	28
900	3.76	.088	3.96	3.57	28
1000	3.53	.093	3.73	3.36	27
1200	3.08	.077	3.20	2.94	20
1500	2.53	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
31.928	.3673	32.361	30.818	28
32.009	.1931	32.314	31.560	28
32.170	.1836	32.500	31.870	28
32.344	.1776	32.650	32.048	28
32.575	.1700	33.127	32.280	28
32.874	.2577	33.410	32.505	28
33.254	.2717	33.670	32.623	28
33.578	.1726	33.849	33.158	28
33.783	.0812	33.898	33.612	28
33.872	.0485	33.947	33.770	28
33.912	.0405	33.970	33.818	28
33.932	.0379	33.998	33.858	28
33.946	.0342	34.011	33.869	28
33.979	.0287	34.034	33.908	28
34.037	.0224	34.081	33.997	28
34.102	.0236	34.150	34.064	28
34.169	.0317	34.242	34.121	28
34.235	.0288	34.305	34.190	28
34.293	.0241	34.342	34.253	28
34.345	.0253	34.403	34.301	28
34.384	.0231	34.439	34.334	27
34.453	.0163	34.488	34.434	20
34.557	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.762	.4557	24.917	22.844	28
10	23.927	.3999	24.930	22.922	28
20	24.254	.5312	25.055	23.144	28
30	24.725	.4366	25.426	23.742	28
50	25.307	.1946	25.829	24.923	28
75	25.656	.2083	26.107	25.206	28
100	25.991	.2002	26.327	25.515	28
125	26.265	.1257	26.501	25.965	28
150	26.450	.0720	26.563	26.326	28
175	26.547	.0498	26.634	26.445	28
200	26.610	.0382	26.687	26.517	28
225	26.660	.0354	26.741	26.580	28
250	26.701	.0329	26.778	26.614	28
300	26.776	.0305	26.836	26.710	28
400	26.892	.0323	26.977	26.843	28
500	26.992	.0337	27.078	26.953	28
600	27.085	.0332	27.175	27.037	28
700	27.171	.0278	27.245	27.131	28
800	27.245	.0239	27.300	27.202	28
900	27.312	.0264	27.377	27.268	28
1000	27.367	.0257	27.426	27.318	27
1200	27.464	.0175	27.498	27.441	20
1500	27.595	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
414.7	43.48	502.3	304.5	28
399.2	38.18	495.2	303.5	28
368.2	50.70	474.5	291.8	28
323.4	41.67	417.3	256.6	28
268.3	18.54	304.9	218.7	28
235.4	19.80	278.3	192.6	28
204.0	18.97	249.1	172.1	28
178.4	11.90	206.7	156.0	28
161.1	6.86	172.9	150.4	28
152.2	4.77	162.1	143.9	28
146.6	3.67	155.6	139.2	28
142.1	3.43	149.8	134.3	28
138.4	3.22	146.9	131.0	28
131.8	3.02	138.2	126.0	28
121.5	3.23	126.4	113.1	28
112.8	3.59	116.7	104.2	28
104.6	3.26	109.4	95.8	28
97.0	2.71	100.9	89.8	28
90.5	2.38	94.9	85.0	28
84.6	2.61	89.0	78.0	28
79.7	2.60	84.4	73.7	27
70.8	1.79	73.3	67.4	20
58.7	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	14.32	1.742	18.60	10.00	28
10	13.79	2.011	18.23	9.70	28
20	12.73	2.329	17.27	9.21	28
30	10.94	1.949	15.00	7.76	28
50	8.58	.673	9.98	7.39	28
75	7.79	.566	9.19	6.78	28
100	7.54	.336	8.17	6.87	28
125	7.40	.255	7.84	6.96	28
150	7.22	.240	7.73	6.84	28
175	7.02	.217	7.48	6.44	28
200	6.79	.236	7.23	6.06	28
225	6.53	.248	6.83	5.65	28
250	6.30	.252	6.73	5.44	28
300	5.91	.270	6.37	5.10	28
400	5.33	.234	5.64	4.57	28
500	4.91	.157	5.23	4.24	28
600	4.54	.116	4.79	4.17	28
700	4.23	.098	4.43	3.95	28
800	3.96	.089	4.16	3.74	28
900	3.70	.092	3.89	3.50	27
1000	3.46	.076	3.65	3.29	20
1200	2.99	n/a	3.11	2.86	1
1500	2.43		n/a	n/a	

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
414.7	43.48	502.3	304.5	28
398.9	38.14	494.8	303.3	28
367.7	50.61	473.5	291.4	28
322.8	41.57	416.4	256.1	28
267.4	18.50	303.9	217.8	28
234.2	19.80	277.0	191.4	28
202.3	19.02	247.6	170.4	28
176.3	11.93	204.7	153.9	28
158.6	6.84	170.4	147.9	28
149.4	4.72	159.1	141.2	28
143.4	3.60	152.2	136.2	28
138.7	3.36	146.3	131.0	28
134.8	3.12	143.0	127.4	28
127.6	2.87	133.8	121.9	28
116.6	3.05	121.2	108.5	28
107.0	3.16	110.6	98.9	28
98.1	3.13	102.6	89.6	28
89.9	2.60	93.7	83.0	28
82.9	2.26	86.9	77.7	28
76.5	2.48	80.6	70.3	27
71.3	2.43	75.9	65.6	20
61.9	1.66	64.1	58.7	1
49.4	n/a	n/a	n/a	

STATION MP04 S E P T E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	28
10	.409	.0381	.500	.310	28
20	.796	.0757	.990	.610	28
30	1.144	.1152	1.440	.920	28
50	1.729	.1583	2.160	1.450	28
75	2.357	.1950	2.880	1.950	28
100	2.902	.2355	3.500	2.400	28
125	3.378	.2682	4.030	2.810	28
150	3.800	.2880	4.490	3.190	28
175	4.191	.2991	4.910	3.560	28
200	4.564	.3063	5.300	3.920	28
225	4.925	.3112	5.670	4.270	28
250	5.276	.3141	6.030	4.620	28
300	5.951	.3209	6.720	5.290	28
400	7.215	.3243	8.010	6.550	28
500	8.387	.3243	9.180	7.740	28
600	9.472	.3270	10.280	8.870	28
700	10.481	.3330	11.300	9.920	28
800	11.418	.3419	12.260	10.880	28
900	12.293	.3512	13.160	11.790	27
1000	13.129	.3671	14.030	12.590	20
1200	14.648	n/a	15.600	14.020	1
1500	15.900		n/a	n/a	

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	28
.02	.002	.03	.02	28
.08	.009	.10	.06	28
.17	.018	.21	.14	28
.41	.038	.50	.34	28
.81	.065	.97	.68	28
1.29	.105	1.52	1.08	28
1.84	.145	2.13	1.55	28
2.43	.173	2.77	2.08	28
3.07	.194	3.46	2.69	28
3.79	.210	4.20	3.38	28
4.57	.223	5.01	4.14	28
5.41	.236	5.89	4.98	28
7.31	.260	7.83	6.86	28
11.81	.308	12.41	11.33	28
17.18	.380	17.99	16.44	28
23.26	.505	24.15	22.13	28
29.95	.669	30.84	28.42	28
37.11	.820	38.14	35.22	28
44.69	1.012	46.13	42.27	28
52.69	1.220	54.48	49.63	27
69.39	1.736	71.81	65.37	20
91.79	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.37	.439	6.79	5.81	4
10	6.46	.528	7.05	5.81	4
20	6.18	.334	6.62	5.81	4
30	5.73	.614	6.40	4.91	4
50	4.38	1.652	5.98	2.65	4
75	4.50	.800	5.40	3.62	4
100	4.09	.544	4.45	3.28	4
125	3.60	.338	4.10	3.39	4
150	3.23	.808	4.43	2.73	4
175	2.91	.657	3.87	2.42	4
200	2.53	.523	3.18	2.02	4
225	2.38	.531	3.00	1.93	4
250	2.26	.526	2.83	1.73	4
300	1.73	.200	1.90	1.49	4
400	1.21	.164	1.36	1.01	4
500	.82	.217	.98	.50	4
600	.60	.145	.76	.41	4
700	.48	.131	.65	.33	4
800	.40	.110	.56	.33	4
900	.41	.126	.59	.32	4
1000	.53	.134	.62	.43	2
1200	.63	.198	.97	.49	2
1500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1501	5.7	1515	1487	28
1500	6.8	1514	1485	28
1497	7.9	1511	1484	28
1491	6.7	1504	1479	28
1483	2.6	1488	1478	28
1481	2.3	1486	1476	28
1481	1.4	1483	1478	28
1481	1.2	1483	1479	28
1481	1.0	1483	1479	28
1481	.8	1482	1478	28
1481	1.0	1482	1477	28
1480	1.0	1482	1476	28
1480	1.0	1481	1475	28
1479	1.2	1480	1475	28
1478	1.2	1479	1475	28
1478	1.0	1479	1475	28
1478	1.1	1479	1476	28
1478	.8	1479	1477	28
1478	.6	1480	1478	28
1479	.5	1481	1479	28
1480	.5	1481	1480	27
1480	.3	1482	1481	20
1482	n/a	n/a	n/a	1
1485				

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.128	.3516	14.030	12.593	27
10	12.720	.3351	13.528	12.167	27
20	12.331	.3137	13.040	11.749	27
30	11.983	.2861	12.593	11.394	27
50	11.396	.2549	11.874	10.845	27
75	10.767	.2298	11.149	10.252	27
100	10.224	.2078	10.529	9.740	27
125	9.747	.2002	10.038	9.279	27
150	9.325	.1999	9.599	8.833	27
175	8.933	.1979	9.183	8.435	27
200	8.560	.1960	8.796	8.057	27
225	8.198	.1939	8.434	7.693	27
250	7.847	.1903	8.081	7.343	27
300	7.171	.1834	7.396	6.671	27
400	5.905	.1603	6.116	5.467	27
500	4.732	.1318	4.920	4.371	27
600	3.645	.1006	3.805	3.378	27
700	2.635	.0734	2.763	2.451	27
800	1.697	.0511	1.784	1.569	27
900	.821	.0262	.865	.760	27
1000	.000	.0000	.000	.000	20
1200	-1.499	.0441	-1.404	-1.569	1
1500	-3.311	n/a	n/a	n/a	

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.05	1.296	15.00	9.90	18
10	13.08	1.283	15.01	9.89	18
20	12.66	1.375	14.57	9.85	18
30	11.17	1.572	13.88	8.87	18
50	9.05	1.299	11.90	7.48	18
75	7.99	.522	9.06	7.11	18
100	7.77	.306	8.32	6.96	18
125	7.60	.245	7.99	7.20	18
150	7.38	.248	7.77	6.94	18
175	7.14	.228	7.48	6.68	18
200	6.94	.228	7.33	6.50	18
225	6.73	.221	7.16	6.37	18
250	6.51	.200	6.95	6.13	18
300	6.14	.229	6.54	5.63	18
400	5.46	.234	5.79	4.95	18
500	4.97	.198	5.26	4.65	18
600	4.61	.144	4.95	4.39	18
700	4.29	.101	4.54	4.12	18
800	4.03	.058	4.12	3.92	17
900	3.79	.060	3.88	3.66	17
1000	3.56	.070	3.66	3.39	17
1200	3.15	.089	3.28	2.95	13
1500	2.69	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.117	.3239	32.392	30.880	18
32.118	.3267	32.402	30.880	18
32.159	.3413	32.526	30.880	18
32.320	.2069	32.620	31.710	18
32.607	.2298	33.048	31.960	18
32.872	.2708	33.540	32.550	18
33.242	.2735	33.775	32.784	18
33.593	.1756	33.852	33.265	18
33.794	.0932	33.915	33.616	18
33.878	.0503	33.961	33.755	18
33.917	.0366	33.969	33.827	18
33.935	.0325	33.984	33.859	18
33.947	.0308	33.997	33.878	18
33.966	.0310	34.021	33.910	18
34.008	.0310	34.072	33.951	18
34.072	.0259	34.137	34.038	18
34.144	.0263	34.198	34.109	18
34.211	.0283	34.262	34.170	18
34.276	.0226	34.317	34.238	17
34.328	.0234	34.365	34.290	17
34.375	.0238	34.409	34.338	17
34.438	.0219	34.473	34.395	13
34.511	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.168	.3018	24.872	23.574	18
10	24.163	.3004	24.886	23.576	18
20	24.275	.3516	25.029	23.576	18
30	24.673	.3804	25.300	24.028	18
50	25.254	.3062	25.782	24.644	18
75	25.629	.2334	26.193	25.251	18
100	25.951	.2250	26.406	25.512	18
125	26.249	.1478	26.509	25.937	18
150	26.438	.0833	26.593	26.244	18
175	26.538	.0476	26.664	26.460	18
200	26.596	.0377	26.696	26.520	18
225	26.639	.0339	26.723	26.567	18
250	26.677	.0300	26.747	26.613	18
300	26.740	.0266	26.791	26.692	18
400	26.857	.0266	26.900	26.823	18
500	26.966	.0315	27.037	26.914	18
600	27.063	.0298	27.117	27.006	18
700	27.151	.0282	27.208	27.091	18
800	27.230	.0204	27.266	27.193	17
900	27.295	.0207	27.329	27.266	17
1000	27.356	.0215	27.388	27.322	17
1200	27.445	.0209	27.478	27.402	13
1500	27.545	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
375.9	28.76	432.6	308.9	18
376.6	28.64	432.6	307.7	18
366.1	33.52	432.8	294.3	18
328.4	36.29	390.0	268.6	18
273.4	29.21	331.6	223.0	18
238.0	22.19	274.1	184.4	18
207.8	21.38	249.6	164.6	18
179.9	14.03	209.6	155.2	18
162.3	7.93	180.8	147.5	18
153.1	4.57	160.7	141.0	18
147.9	3.63	155.3	138.3	18
144.2	3.30	151.2	136.0	18
140.8	2.92	147.1	134.0	18
135.3	2.62	140.0	130.4	18
124.9	2.63	128.0	120.4	18
115.3	3.15	120.5	108.4	18
106.7	2.93	112.5	101.4	18
98.9	2.76	104.9	93.2	18
91.9	1.96	95.5	88.3	17
86.2	2.00	89.0	82.9	17
80.8	2.10	84.0	77.6	17
72.8	2.07	77.0	69.6	13
63.8	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.05	1.296	15.00	9.90	18
10	13.08	1.283	15.01	9.89	18
20	12.66	1.375	14.57	9.85	18
30	11.17	1.572	13.88	8.87	18
50	9.04	1.297	11.89	7.48	18
75	7.98	.522	9.05	7.10	18
100	7.76	.306	8.31	6.95	18
125	7.59	.245	7.98	7.19	18
150	7.37	.248	7.76	6.93	18
175	7.12	.229	7.46	6.67	18
200	6.92	.227	7.31	6.48	18
225	6.71	.221	7.14	6.35	18
250	6.49	.201	6.93	6.11	18
300	6.12	.229	6.51	5.60	18
400	5.43	.233	5.76	4.92	18
500	4.93	.198	5.22	4.61	18
600	4.56	.143	4.90	4.34	18
700	4.24	.100	4.49	4.07	18
800	3.97	.058	4.06	3.86	17
900	3.73	.059	3.81	3.60	17
1000	3.49	.070	3.59	3.32	17
1200	3.06	.087	3.19	2.87	13
1500	2.58	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
375.9	28.77	432.6	308.9	18
376.4	28.63	432.4	307.5	18
365.6	33.48	432.3	293.9	18
327.7	36.22	389.2	268.1	18
272.4	29.13	330.4	222.2	18
236.8	22.19	272.7	183.1	18
206.1	21.39	247.8	162.9	18
177.7	14.04	207.4	153.1	18
159.7	7.90	178.2	145.1	18
150.3	4.52	157.7	138.3	18
144.7	3.58	152.0	135.2	18
140.7	3.21	147.5	132.7	18
137.0	2.84	143.1	130.4	18
131.0	2.50	135.5	126.2	18
119.8	2.51	123.1	115.8	18
109.5	2.97	114.4	102.8	18
100.2	2.79	105.5	95.2	18
91.8	2.68	97.5	86.4	18
84.2	1.93	87.7	80.8	17
78.1	1.96	80.8	74.8	17
72.3	2.06	75.5	69.2	17
65.8	1.95	67.8	60.7	13
54.2	n/a	n/a	n/a	1

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	18
10	.376	.0281	.430	.310	18
20	.752	.0576	.870	.620	18
30	1.101	.0820	1.280	.930	18
50	1.695	.1113	1.920	1.450	18
75	2.331	.1552	2.550	1.960	18
100	2.888	.2073	3.200	2.390	18
125	3.370	.2488	3.770	2.790	18
150	3.795	.2706	4.260	3.170	18
175	4.187	.2828	4.680	3.530	18
200	4.566	.2921	5.070	3.880	18
225	4.929	.2971	5.440	4.220	18
250	5.284	.3048	5.810	4.560	18
300	5.976	.3132	6.510	5.220	18
400	7.274	.3225	7.830	6.480	18
500	8.475	.3303	9.060	7.650	18
600	9.583	.3381	10.200	8.730	18
700	10.611	.3457	11.250	9.730	18
800	11.574	.3644	12.210	10.640	17
900	12.464	.3740	13.120	11.500	17
1000	13.299	.3858	13.970	12.300	17
1200	14.900	.3046	15.520	14.590	13
1500	16.960	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	18
.02	.000	.02	.02	18
.08	.007	.09	.06	18
.17	.014	.19	.14	18
.41	.030	.45	.35	18
.81	.064	.90	.67	18
1.30	.112	1.48	1.06	18
1.86	.160	2.14	1.52	18
2.45	.195	2.82	2.05	18
3.10	.218	3.52	2.64	18
3.82	.235	4.26	3.31	18
4.61	.251	5.08	4.05	18
5.47	.265	5.96	4.87	18
7.41	.290	7.93	6.73	18
12.04	.337	12.67	11.21	18
17.54	.405	18.28	16.60	18
23.75	.523	24.65	22.67	18
30.55	.679	31.63	29.25	18
37.89	.816	39.04	36.26	17
45.60	.972	46.85	43.68	17
53.69	1.151	55.08	51.44	17
70.96	1.226	72.62	68.63	13
98.64	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.24	.204	6.49	5.99	4
10	6.23	.181	6.46	6.02	4
20	6.20	.186	6.41	5.96	4
30	6.26	.259	6.60	5.97	4
50	6.09	.379	6.38	5.57	4
75	5.34	1.276	6.55	3.68	4
100	4.14	.382	4.58	3.70	4
125	3.48	.478	4.17	3.13	4
150	3.16	.444	3.65	2.58	4
175	2.83	.436	3.40	2.36	4
200	2.62	.450	3.29	2.32	4
225	2.60	.423	3.10	2.16	4
250	2.58	.515	3.10	2.00	4
300	2.22	.298	2.49	1.80	4
400	1.53	.123	1.70	1.43	4
500	.95	.074	1.05	.87	4
600	.64	.037	.68	.60	4
700	.45	.013	.47	.44	4
800	.31	.022	.33	.28	4
900	.32	.019	.33	.29	4
1000	.33	.027	.35	.29	4
1200	.48	.043	.54	.44	4
1500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1497	4.5	1504	1487	18
1497	4.4	1504	1487	18
1496	4.7	1503	1487	18
1492	5.6	1501	1484	18
1485	4.8	1495	1479	18
1481	2.1	1485	1478	18
1481	1.2	1483	1478	18
1482	1.1	1483	1480	18
1481	1.1	1483	1479	18
1481	1.0	1482	1479	18
1481	.9	1482	1479	18
1480	.8	1482	1479	18
1480	1.0	1482	1478	18
1479	1.0	1481	1477	18
1478	.9	1479	1476	18
1478	.8	1479	1476	18
1478	.8	1479	1477	18
1478	.5	1479	1478	18
1479	.0	1479	1479	17
1480	.2	1480	1479	17
1481	.5	1481	1480	17
1482	.5	1483	1481	13
1485	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.299	.3853	13.973	12.302	17
10	12.922	.3701	13.585	11.993	17
20	12.547	.3546	13.196	11.686	17
30	12.200	.3349	12.809	11.374	17
50	11.606	.2984	12.137	10.853	17
75	10.970	.2628	11.435	10.345	17
100	10.413	.2279	10.774	9.912	17
125	9.930	.2049	10.223	9.513	17
150	9.505	.1931	9.751	9.135	17
175	9.112	.1856	9.335	8.775	17
200	8.736	.1798	8.964	8.412	17
225	8.371	.1753	8.611	8.050	17
250	8.015	.1711	8.265	7.696	17
300	7.324	.1620	7.589	7.019	17
400	6.024	.1422	6.285	5.755	17
500	4.820	.1166	5.043	4.604	17
600	3.708	.0898	3.878	3.547	17
700	2.678	.0631	2.790	2.574	17
800	1.725	.0397	1.793	1.658	17
900	.836	.0209	.871	.801	17
1000	.000	.0000	.000	.000	17
1200	-1.531	.0370	-1.460	-1.602	13
1500	-3.568	n/a	n/a	n/a	1

STATION MP04 N O V E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.48	.754	11.66	9.30	17
10	10.46	.792	11.67	8.96	17
20	10.48	.794	11.67	8.91	17
30	10.48	.796	11.67	8.88	17
50	9.64	.800	11.18	8.15	17
75	8.35	.410	8.86	7.24	17
100	7.92	.361	8.48	6.96	17
125	7.70	.309	8.34	7.06	17
150	7.46	.351	8.22	6.99	17
175	7.26	.389	8.05	6.69	17
200	7.04	.427	7.93	6.32	17
225	6.82	.454	7.81	6.09	17
250	6.59	.463	7.66	5.93	17
300	6.20	.434	7.15	5.66	17
400	5.57	.402	6.60	5.16	16
500	4.98	.235	5.58	4.68	16
600	4.59	.196	5.05	4.34	16
700	4.24	.172	4.62	4.01	16
800	3.94	.107	4.14	3.76	15
900	3.71	.090	3.86	3.57	15
1000	3.49	.098	3.62	3.34	15
1200	3.06	.067	3.18	2.97	15
1500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.241	.1648	32.490	31.841	17
32.248	.1436	32.496	31.895	17
32.264	.1102	32.495	32.041	17
32.273	.0935	32.495	32.115	17
32.512	.1938	32.882	32.289	17
32.890	.2772	33.388	32.629	17
33.272	.2723	33.723	32.875	17
33.591	.1875	33.814	33.244	17
33.775	.0813	33.886	33.601	17
33.864	.0418	33.928	33.781	17
33.908	.0193	33.941	33.878	17
33.927	.0179	33.967	33.900	17
33.942	.0168	33.986	33.907	17
33.973	.0223	34.017	33.943	17
34.022	.0242	34.084	33.994	16
34.072	.0351	34.137	33.999	16
34.146	.0317	34.197	34.086	16
34.211	.0343	34.264	34.146	16
34.279	.0294	34.323	34.233	15
34.330	.0229	34.366	34.297	15
34.375	.0213	34.414	34.345	15
34.443	.0147	34.468	34.417	15
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.741	.2020	25.107	24.465	17
10	24.749	.1970	25.112	24.505	17
20	24.759	.1883	25.111	24.540	17
30	24.766	.1836	25.110	24.541	17
50	25.092	.2658	25.534	24.675	17
75	25.588	.2435	25.998	25.320	17
100	25.951	.2172	26.309	25.666	17
125	26.234	.1478	26.449	25.988	17
150	26.412	.0725	26.562	26.324	17
175	26.510	.0614	26.611	26.397	17
200	26.575	.0621	26.676	26.451	17
225	26.619	.0602	26.706	26.491	17
250	26.662	.0593	26.741	26.527	17
300	26.737	.0550	26.811	26.610	17
400	26.854	.0496	26.917	26.732	16
500	26.965	.0493	27.026	26.849	16
600	27.067	.0430	27.113	26.968	16
700	27.156	.0394	27.201	27.066	16
800	27.241	.0281	27.277	27.195	15
900	27.305	.0214	27.333	27.264	15
1000	27.362	.0203	27.392	27.335	15
1200	27.457	.0125	27.476	27.429	15
1500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
321.3	19.23	347.6	286.4	17
320.8	18.78	344.0	286.2	17
320.1	17.95	340.9	286.4	17
319.5	17.50	341.0	286.8	17
288.9	25.35	328.6	246.7	17
241.9	23.16	267.5	203.0	17
207.8	20.61	234.8	173.8	17
181.3	14.01	204.6	160.8	17
164.8	6.95	173.1	150.4	17
155.8	5.95	166.9	146.1	17
150.0	6.06	162.1	140.1	17
146.0	5.92	158.7	137.5	17
142.3	5.85	155.6	134.4	17
135.6	5.46	148.2	128.4	17
125.3	5.02	137.8	119.3	16
115.3	4.88	126.9	109.3	16
106.3	4.27	116.2	101.9	16
98.3	3.92	107.3	94.1	16
90.7	2.74	95.4	87.4	15
85.1	2.12	89.2	82.5	15
80.0	2.04	82.9	77.3	15
71.4	1.21	74.2	69.4	15
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.48	.754	11.66	9.30	17
10	10.46	.792	11.67	8.96	17
20	10.48	.794	11.67	8.91	17
30	10.48	.796	11.67	8.88	17
50	9.63	.800	11.17	8.14	17
75	8.34	.410	8.85	7.23	17
100	7.91	.361	8.47	6.95	17
125	7.68	.308	8.32	7.05	17
150	7.45	.352	8.21	6.97	17
175	7.24	.390	8.04	6.67	17
200	7.02	.425	7.91	6.30	17
225	6.80	.454	7.79	6.07	17
250	6.57	.463	7.64	5.91	17
300	6.17	.434	7.12	5.63	17
400	5.54	.399	6.56	5.13	16
500	4.94	.235	5.54	4.64	16
600	4.54	.196	5.00	4.29	16
700	4.19	.170	4.56	3.96	16
800	3.88	.107	4.08	3.70	15
900	3.65	.090	3.79	3.50	15
1000	3.42	.097	3.55	3.27	15
1200	2.97	.065	3.09	2.89	15
1500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
321.3	19.23	347.6	286.4	17
320.6	18.77	343.8	286.0	17
319.6	17.93	340.4	286.0	17
318.9	17.47	340.3	286.2	17
287.9	25.30	327.5	245.8	17
240.6	23.15	266.1	201.7	17
206.1	20.64	233.2	172.1	17
179.2	14.02	202.5	158.8	17
162.3	6.89	170.6	148.0	17
152.9	5.84	163.7	143.3	17
146.7	5.88	158.5	137.2	17
142.5	5.70	154.7	134.3	17
138.5	5.60	151.2	131.0	17
131.3	5.19	143.3	124.3	17
120.1	4.67	131.6	114.2	16
109.5	4.66	120.5	103.8	16
99.8	4.06	109.2	95.4	16
91.3	3.73	99.8	87.1	16
83.2	2.66	87.6	79.9	15
77.1	2.03	81.0	74.5	15
71.7	1.91	74.2	68.9	15
62.6	1.12	65.2	60.9	15
n/a	n/a	n/a	n/a	0

STATION MP04 N O V E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	17
10	.324	.0191	.350	.290	17
20	.642	.0384	.690	.570	17
30	.963	.0538	1.020	.860	17
50	1.581	.0768	1.690	1.430	17
75	2.239	.0983	2.390	2.030	17
100	2.798	.1427	3.010	2.500	17
125	3.282	.1827	3.540	2.930	17
150	3.714	.2041	3.990	3.320	17
175	4.114	.2134	4.400	3.690	17
200	4.495	.2210	4.800	4.050	17
225	4.865	.2275	5.180	4.390	17
250	5.224	.2335	5.550	4.730	17
300	5.919	.2473	6.260	5.390	17
400	7.239	.2814	7.610	6.620	16
500	8.441	.3120	8.830	7.770	16
600	9.548	.3451	9.980	8.830	16
700	10.569	.3779	11.090	9.810	16
800	11.475	.3877	12.030	10.720	15
900	12.354	.4095	12.950	11.560	15
1000	13.177	.4269	13.800	12.370	15
1200	14.692	.4538	15.330	13.850	15
1500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	17
.02	.003	.02	.01	17
.06	.005	.07	.06	17
.15	.010	.16	.13	17
.40	.019	.43	.36	17
.82	.048	.88	.73	17
1.31	.093	1.43	1.15	17
1.87	.139	2.04	1.64	17
2.47	.169	2.68	2.19	17
3.13	.188	3.36	2.80	17
3.86	.203	4.11	3.48	17
4.66	.220	4.94	4.23	17
5.54	.240	5.85	5.06	17
7.48	.295	7.84	6.90	17
12.16	.452	12.93	11.30	16
17.67	.659	19.00	16.56	16
23.87	.904	25.80	22.49	16
30.63	1.154	33.19	28.99	16
37.66	1.190	40.14	35.91	15
45.26	1.362	47.87	43.26	15
53.24	1.537	56.07	51.03	15
70.19	1.838	73.56	67.63	15
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.35	.236	6.74	6.04	6
10	6.36	.160	6.66	6.22	6
20	6.34	.165	6.62	6.16	6
30	6.32	.169	6.59	6.11	6
50	5.64	.829	6.36	4.12	6
75	4.83	1.062	6.34	3.68	6
100	4.22	.833	5.78	3.33	6
125	3.60	.720	5.01	2.99	6
150	3.32	.624	4.45	2.66	6
175	3.15	.502	4.01	2.58	6
200	3.00	.343	3.46	2.56	6
225	2.88	.287	3.22	2.54	6
250	2.71	.231	3.03	2.40	6
300	2.16	.255	2.42	1.66	6
400	1.47	.273	1.88	1.05	6
500	.98	.357	1.68	.68	6
600	.64	.208	1.05	.49	6
700	.44	.057	.52	.37	6
800	.33	.044	.40	.28	5
900	.33	.021	.37	.32	5
1000	.34	.009	.35	.33	5
1200	.49	.035	.53	.44	5
1500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1489	2.7	1493	1484	17
1489	2.8	1493	1483	17
1489	2.8	1493	1483	17
1489	2.9	1493	1483	17
1487	2.8	1492	1481	17
1483	1.6	1484	1478	17
1482	1.5	1485	1478	17
1482	1.2	1485	1480	17
1482	1.4	1485	1480	17
1481	1.6	1485	1479	17
1481	1.8	1485	1478	17
1481	1.8	1484	1478	17
1480	1.9	1484	1477	17
1479	1.7	1483	1477	17
1479	1.7	1483	1477	16
1478	.9	1480	1477	16
1478	.9	1480	1477	16
1478	.8	1480	1477	16
1479	.5	1480	1478	15
1480	.5	1480	1479	15
1480	.5	1481	1480	15
1482	.4	1482	1481	15
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.178	.4272	13.804	12.366	15
10	12.857	.4209	13.467	12.066	15
20	12.538	.4138	13.130	11.771	15
30	12.218	.4070	12.793	11.470	15
50	11.601	.3788	12.125	10.913	15
75	10.935	.3470	11.436	10.333	15
100	10.371	.3166	10.952	9.862	15
125	9.884	.2950	10.511	9.435	15
150	9.453	.2820	10.081	9.049	15
175	9.053	.2702	9.663	8.679	15
200	8.672	.2583	9.254	8.321	15
225	8.303	.2464	8.855	7.975	15
250	7.943	.2342	8.461	7.635	15
300	7.250	.2125	7.709	6.978	15
400	5.953	.1711	6.300	5.744	15
500	4.758	.1370	5.008	4.596	15
600	3.658	.1013	3.822	3.537	15
700	2.644	.0706	2.759	2.556	15
800	1.702	.0418	1.775	1.651	15
900	.825	.0196	.853	.801	15
1000	.000	.0000	.000	.000	15
1200	-1.512	.0304	-1.469	-1.567	15
1500	n/a	n/a	n/a	n/a	0

STATION MP04 D E C E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.07	.567	10.54	8.28	19
10	10.08	.578	10.63	8.28	19
20	10.11	.575	10.65	8.28	19
30	10.08	.572	10.65	8.28	19
50	9.71	.802	10.55	7.61	19
75	8.06	.511	9.03	7.25	19
100	7.70	.462	8.92	6.82	18
125	7.52	.397	8.66	6.92	18
150	7.36	.357	8.40	6.74	18
175	7.17	.355	8.08	6.50	18
200	6.93	.383	7.88	6.20	18
225	6.69	.391	7.65	6.04	18
250	6.48	.402	7.42	5.88	18
300	6.08	.382	7.03	5.63	18
400	5.38	.330	6.25	4.96	17
500	4.91	.223	5.44	4.57	17
600	4.51	.156	4.81	4.24	17
700	4.20	.165	4.42	3.90	17
800	3.97	.129	4.15	3.70	17
900	3.74	.104	3.90	3.55	17
1000	3.53	.087	3.69	3.41	17
1200	3.07	.095	3.28	2.97	10
1500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.137	.2872	32.378	31.290	19
32.179	.2605	32.378	31.290	19
32.217	.1884	32.430	31.587	19
32.251	.1082	32.430	32.080	19
32.374	.1320	32.670	32.200	19
32.847	.2141	33.320	32.612	19
33.199	.2473	33.634	32.741	18
33.515	.1695	33.765	33.152	18
33.730	.0914	33.862	33.582	18
33.837	.0569	33.921	33.744	18
33.893	.0468	33.990	33.806	18
33.918	.0454	34.010	33.839	18
33.938	.0466	34.030	33.860	18
33.964	.0430	34.040	33.880	18
34.023	.0288	34.073	33.970	17
34.085	.0322	34.150	34.046	17
34.158	.0216	34.194	34.128	17
34.224	.0249	34.280	34.182	17
34.288	.0245	34.350	34.252	17
34.339	.0260	34.400	34.297	17
34.385	.0222	34.430	34.338	17
34.448	.0206	34.490	34.428	10
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.730	.2167	25.186	24.181	19
10	24.762	.2053	25.192	24.186	19
20	24.785	.1762	25.193	24.344	19
30	24.817	.1316	25.194	24.649	19
50	24.972	.2075	25.525	24.746	19
75	25.599	.1837	25.960	25.345	19
100	25.926	.1846	26.249	25.542	18
125	26.199	.1278	26.391	25.914	18
150	26.391	.0780	26.568	26.236	18
175	26.501	.0634	26.636	26.380	18
200	26.577	.0621	26.702	26.445	18
225	26.630	.0544	26.732	26.493	18
250	26.674	.0546	26.775	26.538	18
300	26.746	.0491	26.834	26.624	18
400	26.879	.0332	26.926	26.779	17
500	26.983	.0331	27.049	26.900	17
600	27.086	.0264	27.120	27.035	17
700	27.170	.0245	27.221	27.128	17
800	27.245	.0217	27.299	27.213	17
900	27.310	.0213	27.355	27.270	17
1000	27.368	.0207	27.408	27.325	17
1200	27.461	.0171	27.492	27.440	10
1500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
322.4	20.65	374.7	278.9	19
319.5	19.55	374.4	278.6	19
317.5	16.78	359.5	278.6	19
314.6	12.54	330.6	278.7	19
300.2	19.80	321.8	247.4	19
240.9	17.47	265.1	206.5	19
210.1	17.51	246.6	179.4	18
184.6	12.13	211.6	166.3	18
166.7	7.44	181.5	149.8	18
156.6	6.10	168.3	143.6	18
149.7	6.01	162.4	137.6	18
145.0	5.30	158.2	135.0	18
141.1	5.32	154.2	131.2	18
134.7	4.84	146.5	126.0	18
122.7	3.37	133.0	118.2	17
113.6	3.28	122.0	107.2	17
104.4	2.63	109.6	101.1	17
96.9	2.46	101.2	92.1	17
90.4	2.14	93.5	85.3	17
84.7	2.05	88.6	80.6	17
79.6	2.06	83.7	75.7	17
71.1	1.65	73.7	68.3	10
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.07	.567	10.54	8.28	19
10	10.08	.579	10.63	8.28	19
20	10.11	.575	10.65	8.28	19
30	10.08	.571	10.65	8.28	19
50	9.70	.799	10.54	7.61	19
75	8.05	.510	9.02	7.24	19
100	7.69	.462	8.91	6.81	18
125	7.51	.395	8.64	6.91	18
150	7.35	.356	8.38	6.72	18
175	7.15	.356	8.07	6.48	18
200	6.92	.383	7.86	6.19	18
225	6.67	.391	7.63	6.02	18
250	6.46	.401	7.40	5.86	18
300	6.05	.381	7.00	5.61	18
400	5.34	.327	6.21	4.93	17
500	4.87	.223	5.40	4.53	17
600	4.46	.157	4.76	4.19	17
700	4.15	.164	4.37	3.85	17
800	3.91	.128	4.08	3.64	17
900	3.67	.104	3.83	3.48	17
1000	3.45	.085	3.61	3.34	17
1200	2.98	.094	3.20	2.89	10
1500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
322.4	20.65	374.7	278.9	19
319.3	19.55	374.2	278.4	19
317.1	16.77	359.1	278.3	19
314.0	12.51	330.0	278.2	19
299.2	19.73	320.7	246.6	19
239.6	17.46	263.8	205.3	19
208.5	17.54	244.9	177.8	18
182.5	12.14	209.6	164.3	18
164.2	7.39	178.9	147.5	18
153.8	6.00	165.3	141.0	18
146.5	5.86	159.0	134.8	18
141.5	5.14	154.5	131.9	18
137.3	5.15	150.2	127.8	18
130.5	4.64	142.0	122.1	18
117.7	3.11	127.2	113.4	17
107.9	3.12	115.7	101.6	17
98.1	2.48	102.9	94.8	17
90.0	2.29	93.9	85.2	17
82.8	2.04	85.9	77.8	17
76.7	2.02	80.5	72.4	17
71.2	1.97	75.2	67.3	17
62.2	1.56	64.2	59.3	10
n/a	n/a	n/a	n/a	0

STATION MP04 D E C E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	19
10	.321	.0208	.380	.280	19
20	.641	.0375	.740	.560	19
30	.957	.0514	1.090	.840	19
50	1.578	.0690	1.700	1.390	19
75	2.249	.0988	2.380	1.940	19
100	2.800	.1310	2.960	2.410	18
125	3.294	.1577	3.500	2.840	18
150	3.729	.1750	3.980	3.240	18
175	4.132	.1826	4.390	3.620	18
200	4.514	.1885	4.780	3.990	18
225	4.884	.1913	5.140	4.350	18
250	5.239	.1956	5.490	4.700	18
300	5.929	.2015	6.170	5.390	18
400	7.199	.2163	7.460	6.670	17
500	8.381	.2333	8.730	7.850	17
600	9.470	.2500	9.890	8.950	17
700	10.476	.2647	10.940	9.970	17
800	11.412	.2758	11.910	10.930	17
900	12.286	.2849	12.820	11.830	17
1000	13.108	.2915	13.670	12.660	17
1200	14.608	.3708	15.230	14.100	10
1500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	19
.02	.002	.02	.01	19
.06	.005	.07	.06	19
.15	.008	.16	.13	19
.40	.017	.42	.35	19
.83	.040	.87	.71	19
1.32	.077	1.43	1.13	18
1.88	.115	2.09	1.62	18
2.49	.141	2.75	2.18	18
3.16	.160	3.44	2.81	18
3.89	.173	4.16	3.51	18
4.69	.186	4.97	4.29	18
5.55	.198	5.85	5.15	18
7.48	.244	7.83	6.98	18
12.02	.327	12.62	11.29	17
17.43	.447	18.42	16.44	17
23.54	.600	24.92	22.25	17
30.20	.748	31.91	28.74	17
37.35	.893	39.31	35.77	17
44.92	1.044	47.18	43.18	17
52.87	1.203	55.39	50.85	17
69.41	1.869	72.84	66.96	10
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1487	2.2	1489	1481	19
1487	2.2	1489	1481	19
1488	2.1	1490	1481	19
1488	2.1	1490	1481	19
1487	3.0	1490	1479	19
1482	2.1	1486	1478	19
1481	2.0	1486	1478	18
1481	1.7	1486	1479	18
1481	1.4	1485	1479	18
1481	1.4	1485	1478	18
1481	1.5	1484	1478	18
1480	1.5	1484	1478	18
1480	1.6	1483	1477	18
1479	1.6	1483	1477	18
1478	1.4	1481	1476	17
1478	1.1	1480	1476	17
1478	.7	1479	1477	17
1478	.8	1479	1477	17
1479	.6	1480	1478	17
1480	.5	1480	1479	17
1480	.5	1481	1480	17
1482	.6	1483	1481	10
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.107	.2921	13.669	12.657	17
10	12.787	.2904	13.347	12.316	17
20	12.470	.2891	13.026	11.955	17
30	12.155	.2876	12.704	11.608	17
50	11.536	.2753	12.059	10.988	17
75	10.865	.2635	11.375	10.311	17
100	10.308	.2532	10.825	9.803	17
125	9.814	.2440	10.334	9.357	17
150	9.377	.2335	9.886	8.964	17
175	8.975	.2216	9.466	8.596	17
200	8.594	.2105	9.065	8.246	17
225	8.228	.1996	8.674	7.906	17
250	7.873	.1904	8.294	7.572	17
300	7.187	.1711	7.558	6.927	17
400	5.907	.1410	6.207	5.674	17
500	4.727	.1142	4.941	4.522	17
600	3.637	.0883	3.780	3.460	17
700	2.631	.0640	2.728	2.492	17
800	1.695	.0416	1.771	1.610	17
900	.821	.0209	.865	.781	17
1000	.000	.0000	.000	.000	17
1200	-1.502	.0369	-1.438	-1.557	10
1500	n/a	n/a	n/a	n/a	0

Table 14. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA DH, ACC. POT., OXYGEN and SOUND ON σ_t-surfaces, using all data, for Station 3 (P04).

Table 14: STATION MP04 A L L D A T A (JANUARY–DECEMBER) 1956 to 1990

SIGMA -T.	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
23.00	15.75	1.799	17.82	14.57	3	31.390	.5069	31.963	31.001	3
23.20	14.07	3.219	17.01	7.81	12	31.246	.7704	31.971	29.736	12
23.40	13.95	2.771	16.60	7.86	23	31.440	.6598	32.091	30.005	23
23.60	13.52	2.361	15.87	7.88	32	31.583	.5513	32.140	30.292	32
23.80	13.15	1.993	15.28	7.90	54	31.726	.4623	32.234	30.597	54
24.00	12.64	1.745	14.95	7.91	82	31.839	.3991	32.403	30.825	82
24.20	12.06	1.458	14.39	7.91	113	31.949	.3309	32.515	31.036	113
24.40	11.34	1.227	13.49	7.60	136	32.031	.2752	32.549	31.239	136
24.60	10.66	1.037	12.65	7.38	167	32.128	.2248	32.582	31.482	167
24.80	10.01	.872	11.73	7.16	196	32.237	.1815	32.607	31.678	196
25.00	9.37	.682	10.74	7.21	241	32.351	.1388	32.655	31.932	241
25.20	8.79	.544	10.30	7.21	261	32.488	.1079	32.790	32.185	261
25.40	8.30	.556	10.04	6.87	276	32.647	.1093	32.990	32.382	276
25.60	8.04	.562	9.52	6.64	276	32.853	.1074	33.144	32.599	276
25.80	7.92	.513	9.56	6.86	275	33.085	.0968	33.402	32.891	275
26.00	7.81	.450	9.30	6.80	275	33.318	.0841	33.605	33.133	275
26.20	7.68	.376	8.75	6.73	275	33.548	.0693	33.750	33.378	275
26.40	7.46	.277	8.19	6.59	275	33.760	.0501	33.896	33.608	275
26.60	6.91	.180	7.40	6.24	275	33.918	.0312	34.005	33.804	275
26.80	5.83	.171	6.50	5.17	272	33.993	.0271	34.101	33.892	272
27.00	4.87	.128	5.30	4.35	256	34.101	.0186	34.165	34.028	256
27.10	4.49	.101	4.79	4.14	252	34.175	.0142	34.217	34.127	252
27.20	4.15	.097	4.49	3.77	250	34.255	.0129	34.300	34.207	250
27.30	3.80	.087	4.17	3.58	245	34.335	.0114	34.383	34.308	245
27.40	3.38	.094	3.87	3.12	210	34.409	.0111	34.470	34.378	210
27.50	2.89	.119	3.51	2.72	53	34.478	.0135	34.550	34.462	53
27.60	2.51	n/a	n/a	n/a	1	34.560	n/a	n/a	n/a	1

SIGMA -T.	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
23.00	7	6.7	14	1	3	487.5	.25	487.8	487.3	3
23.20	8	6.3	21	1	12	468.4	.23	468.8	468.0	12
23.40	10	7.7	26	0	23	449.4	.26	449.7	448.7	23
23.60	13	7.5	28	2	32	430.3	.27	430.7	429.5	32
23.80	15	7.4	31	3	54	411.2	.27	411.7	410.5	54
24.00	17	7.0	34	2	82	392.2	.25	392.7	391.4	82
24.20	19	7.9	37	3	113	373.2	.23	373.7	372.2	113
24.40	22	8.4	41	4	136	354.1	.22	354.6	353.2	136
24.60	24	9.4	46	0	167	335.1	.22	335.7	334.4	167
24.80	29	10.7	52	1	196	316.2	.22	316.8	315.6	196
25.00	37	13.3	70	3	241	297.3	.26	298.0	296.7	241
25.20	49	16.1	105	9	261	278.4	.30	279.6	277.8	261
25.40	63	16.5	122	15	276	259.6	.31	260.9	258.8	276
25.60	76	15.4	132	40	276	240.7	.30	242.0	240.1	276
25.80	87	15.4	138	49	275	221.9	.29	223.1	221.3	275
26.00	99	15.8	147	63	275	203.1	.29	204.2	202.5	275
26.20	115	16.6	166	75	275	184.4	.30	185.6	183.7	275
26.40	142	18.7	210	98	275	165.8	.33	167.0	165.0	275
26.60	199	27.6	305	126	275	147.6	.44	149.2	146.4	275
26.80	322	36.2	458	225	272	129.7	.48	131.5	128.3	272
27.00	500	37.3	627	393	256	112.0	.42	113.3	110.7	256
27.10	603	36.8	702	505	252	103.1	.37	104.2	102.0	252
27.20	724	37.5	825	625	250	94.3	.35	95.6	93.4	250
27.30	867	40.9	963	735	245	85.5	.30	86.2	84.6	245
27.40	1047	48.7	1182	863	210	76.6	.29	77.2	75.5	210
27.50	1257	58.9	1362	1033	53	67.4	.26	68.1	66.7	53
27.60	1500	n/a	n/a	n/a	1	58.2	n/a	n/a	n/a	1

SIGMA -T.	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
23.00	15.75	1.793	17.81	14.57	3	483.0	5.12	486.3	477.1	3
23.20	14.07	3.219	17.01	7.81	12	463.4	8.51	468.3	443.8	12
23.40	13.95	2.771	16.60	7.86	23	445.7	7.49	449.2	415.7	23
23.60	13.52	2.360	15.87	7.88	32	426.0	6.50	429.9	398.5	32
23.80	13.14	1.992	15.27	7.90	54	407.6	5.02	411.0	386.2	54
24.00	12.64	1.745	14.94	7.91	82	389.5	3.45	391.9	369.1	82
24.20	12.06	1.457	14.39	7.91	113	370.5	2.81	372.8	355.8	113
24.40	11.33	1.226	13.49	7.59	136	351.6	2.53	353.7	341.5	136
24.60	10.66	1.037	12.64	7.38	167	332.9	2.45	334.8	323.2	167
24.80	10.01	.871	11.73	7.16	196	314.3	1.82	315.7	304.5	196
25.00	9.36	.682	10.73	7.21	241	295.6	1.34	296.6	288.7	241
25.20	8.79	.543	10.29	7.21	261	276.9	1.05	277.6	271.4	261
25.40	8.29	.555	10.03	6.87	276	258.0	.90	258.6	252.7	276
25.60	8.03	.561	9.51	6.63	276	238.9	.78	239.5	235.4	276
25.80	7.91	.512	9.55	6.86	275	220.0	.61	220.5	217.3	275
26.00	7.80	.449	9.28	6.79	275	201.1	.41	201.5	199.7	275
26.20	7.67	.376	8.74	6.72	275	182.2	.23	182.5	181.2	275
26.40	7.44	.276	8.17	6.58	275	163.3	.11	163.5	162.9	275
26.60	6.89	.179	7.39	6.22	275	144.3	.06	144.4	144.0	275
26.80	5.80	.171	6.48	5.15	272	125.2	.17	125.4	124.6	272
27.00	4.83	.127	5.26	4.31	256	106.1	.10	106.3	105.9	256
27.10	4.44	.101	4.75	4.09	252	96.6	.08	96.8	96.4	252
27.20	4.10	.097	4.42	3.70	250	87.1	.06	87.2	87.0	250
27.30	3.73	.088	4.11	3.52	245	77.6	.05	77.7	77.4	245
27.40	3.30	.096	3.81	3.04	210	68.0	.10	68.2	67.7	210
27.50	2.81	.121	3.43	2.63	53	58.5	.10	58.6	58.2	53
27.60	2.40	n/a	n/a	n/a	1	49.0	n/a	n/a	n/a	1

STATION MP04 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	.323	.3296	.680	.030	3
23.20	.373	.3097	1.030	.050	12
23.40	.488	.3696	1.240	.000	23
23.60	.603	.3550	1.340	.090	32
23.80	.655	.3382	1.480	.120	54
24.00	.721	.3182	1.610	.060	82
24.20	.799	.3414	1.730	.120	113
24.40	.866	.3544	1.850	.160	136
24.60	.938	.3824	1.960	.000	167
24.80	1.073	.4114	2.060	.030	196
25.00	1.279	.4675	2.410	.090	241
25.20	1.619	.5216	3.200	.250	261
25.40	1.977	.5218	3.670	.390	276
25.60	2.294	.4951	3.920	1.160	276
25.80	2.551	.4969	4.050	1.430	275
26.00	2.813	.5030	4.230	1.730	275
26.20	3.125	.5059	4.570	1.970	275
26.40	3.599	.5141	5.030	2.370	275
26.60	4.493	.5970	6.210	2.800	275
26.80	6.203	.6859	8.240	4.130	272
27.00	8.383	.6765	10.340	6.360	256
27.10	9.499	.6629	10.920	7.570	252
27.20	10.699	.6610	12.100	8.780	250
27.30	11.988	.6769	13.710	10.000	245
27.40	13.482	.7159	15.100	11.370	210
27.50	14.980	.7449	16.750	13.250	53
27.60	16.000	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.02	.026	.05	.00	3
.02	.035	.11	.00	12
.04	.048	.16	.00	23
.05	.054	.18	.00	32
.06	.055	.23	.00	54
.07	.058	.27	.00	82
.09	.071	.32	.00	113
.11	.079	.36	.00	136
.13	.092	.41	.00	167
.18	.116	.47	.00	196
.26	.168	.77	.00	241
.43	.271	1.70	.01	261
.64	.327	2.24	.03	276
.86	.357	2.57	.02	276
1.08	.394	2.75	.35	275
1.33	.443	2.94	.51	275
1.67	.507	3.48	.68	275
2.30	.628	4.69	1.04	275
3.89	1.078	8.27	1.55	275
8.49	1.930	16.54	4.07	272
17.62	2.722	28.08	10.44	256
23.94	3.052	32.81	15.99	252
32.12	3.512	41.43	24.23	250
42.72	4.198	53.05	31.13	245
57.28	5.376	71.68	39.74	210
75.02	6.751	88.49	52.41	53
93.26	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	12.986	.4406	13.354	12.498	3
23.20	12.972	.3778	13.465	12.333	11
23.40	12.828	.3149	13.351	12.096	21
23.60	12.615	.3541	13.299	11.785	30
23.80	12.503	.3508	13.249	11.630	52
24.00	12.435	.3553	13.350	11.525	77
24.20	12.324	.3452	13.157	11.434	105
24.40	12.224	.3779	13.309	11.356	126
24.60	12.132	.3985	13.433	11.243	155
24.80	11.975	.3971	13.366	11.006	176
25.00	11.746	.4063	13.515	10.795	210
25.20	11.409	.3816	13.180	10.468	227
25.40	11.032	.3544	12.576	10.158	239
25.60	10.715	.3263	11.718	10.008	239
25.80	10.457	.3214	11.588	9.789	239
26.00	10.192	.3107	11.340	9.564	239
26.20	9.878	.2997	11.049	9.162	239
26.40	9.405	.2643	10.212	8.534	239
26.60	8.510	.2791	9.228	7.399	239
26.80	6.795	.3179	7.593	5.427	239
27.00	4.643	.2982	5.532	3.845	239
27.10	3.520	.2925	4.326	2.694	239
27.20	2.322	.2937	3.042	1.430	239
27.30	1.019	.3224	1.982	.243	238
27.40	-0.449	.3866	.932	-1.555	210
27.50	-1.968	.4587	-0.291	-2.775	53
27.60	-3.406	n/a	n/a	n/a	1

ACC. POT.

MEAN	S.D.	MAX	MIN	N
13.302	.6465	14.016	12.756	3
13.292	.4319	13.981	12.744	11
13.263	.3711	13.937	12.729	21
13.163	.4127	13.888	11.892	30
13.103	.3801	13.832	11.883	52
13.108	.3731	13.795	11.869	77
13.048	.3657	13.929	11.850	105
12.994	.3827	13.864	11.826	126
12.945	.3946	13.795	11.798	155
12.901	.3825	13.736	11.768	176
12.860	.3807	13.676	11.729	210
12.794	.3727	13.589	11.681	227
12.686	.3623	13.538	11.619	239
12.553	.3442	13.368	11.542	239
12.399	.3276	13.165	11.443	239
12.224	.3116	12.977	11.325	239
12.023	.2958	12.793	11.187	239
11.785	.2784	12.575	11.013	239
11.479	.2525	12.175	10.787	239
11.020	.2111	11.543	10.470	239
10.290	.1561	10.660	9.837	239
9.799	.1252	10.095	9.412	239
9.212	.0934	9.458	8.891	239
8.505	.0578	8.614	8.289	238
7.649	.0236	7.699	7.535	210
6.583	.0515	6.750	6.490	53
5.423	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	5.98	n/a	n/a	n/a	1
23.40	6.60	.557	7.34	5.90	5
23.60	6.73	.423	7.25	6.06	6
23.80	6.76	.358	7.18	6.18	9
24.00	6.64	.410	7.11	5.96	14
24.20	6.62	.335	7.14	6.02	19
24.40	6.59	.346	7.19	6.04	22
24.60	6.48	.425	7.16	5.22	26
24.80	6.36	.526	7.23	4.48	27
25.00	6.21	.572	6.92	3.81	36
25.20	6.00	.657	6.83	3.32	39
25.40	5.56	.678	6.80	3.48	39
25.60	5.04	.614	6.29	3.31	39
25.80	4.51	.491	5.49	2.73	39
26.00	4.09	.343	5.04	3.50	39
26.20	3.71	.350	4.72	3.10	39
26.40	3.25	.387	4.43	2.58	39
26.60	2.79	.364	3.67	2.28	39
26.80	1.77	.152	2.12	1.55	39
27.00	.82	.095	1.09	.53	39
27.10	.57	.094	.90	.43	38
27.20	.42	.098	.78	.28	37
27.30	.36	.089	.70	.21	36
27.40	.41	.094	.69	.28	31
27.50	.53	.068	.64	.46	6
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1505	6.7	1513	1501	3
1499	12.2	1510	1475	12
1499	10.6	1509	1476	23
1498	9.0	1507	1477	32
1497	7.5	1505	1477	54
1496	6.8	1504	1477	82
1494	5.7	1503	1478	113
1492	4.8	1500	1477	136
1489	4.2	1497	1476	167
1487	3.5	1494	1476	196
1485	2.8	1491	1476	241
1483	2.4	1490	1477	261
1482	2.4	1489	1476	276
1482	2.4	1488	1476	276
1481	2.2	1489	1477	275
1482	1.9	1488	1477	275
1482	1.7	1487	1478	275
1482	1.3	1485	1478	275
1481	1.0	1483	1477	275
1478	1.0	1481	1475	272
1477	.9	1480	1474	256
1478	.8	1480	1476	252
1478	.7	1481	1477	250
1479	.7	1481	1478	245
1481	.7	1482	1478	210
1482	.8	1484	1481	53
1485	n/a	n/a	n/a	1

Table 15. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA DH, ACC. POT., OXYGEN AND SOUND on σ_t-surfaces, by month, Station 3 (P04).

Table 15: STATION MP04 J A N U A R Y 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	8.80	n/a	n/a	n/a	1
24.00	9.03	n/a	n/a	n/a	1
24.20	9.24	n/a	n/a	n/a	1
24.40	9.44	n/a	n/a	n/a	1
24.60	9.63	n/a	n/a	n/a	1
24.80	9.18	.870	9.80	8.57	2
25.00	9.21	.296	9.59	8.85	9
25.20	8.85	.384	9.30	7.93	17
25.40	8.51	.598	9.38	7.03	20
25.60	8.35	.530	9.02	7.27	20
25.80	8.24	.409	9.10	7.48	20
26.00	8.06	.278	8.85	7.56	20
26.20	7.88	.235	8.49	7.46	20
26.40	7.63	.131	7.86	7.39	20
26.60	7.02	.135	7.31	6.80	20
26.80	5.85	.134	6.08	5.62	18
27.00	4.86	.106	5.04	4.69	18
27.10	4.50	.081	4.62	4.34	18
27.20	4.18	.095	4.49	4.07	18
27.30	3.82	.087	4.08	3.72	17
27.40	3.40	.111	3.68	3.23	14
27.50	3.22	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
30.694	n/a	n/a	n/a	1
31.023	n/a	n/a	n/a	1
31.349	n/a	n/a	n/a	1
31.650	n/a	n/a	n/a	1
31.930	n/a	n/a	n/a	1
32.057	.1903	32.191	31.922	2
32.308	.0606	32.394	32.232	9
32.497	.0762	32.603	32.318	17
32.689	.1145	32.853	32.410	20
32.914	.1039	33.057	32.706	20
33.145	.0790	33.313	32.999	20
33.364	.0541	33.516	33.267	20
33.584	.0443	33.699	33.504	20
33.791	.0236	33.832	33.747	20
33.936	.0235	33.987	33.898	20
33.997	.0217	34.035	33.960	18
34.100	.0153	34.125	34.076	18
34.176	.0121	34.194	34.154	18
34.259	.0126	34.300	34.243	18
34.338	.0119	34.374	34.325	17
34.412	.0125	34.447	34.393	14
34.516	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	16	n/a	n/a	n/a	1
24.00	21	n/a	n/a	n/a	1
24.20	23	n/a	n/a	n/a	1
24.40	25	n/a	n/a	n/a	1
24.60	26	n/a	n/a	n/a	1
24.80	29	1.7	29	28	2
25.00	40	16.7	70	18	9
25.20	59	11.5	79	43	17
25.40	67	12.5	89	49	20
25.60	76	12.6	100	58	20
25.80	85	12.8	107	64	20
26.00	98	12.7	128	76	20
26.20	116	12.4	151	93	20
26.40	152	17.5	186	118	20
26.60	228	32.2	305	184	20
26.80	365	39.5	458	308	18
27.00	531	28.2	582	491	18
27.10	630	23.9	677	588	18
27.20	751	24.3	792	703	18
27.30	885	23.2	928	846	17
27.40	1061	43.5	1112	948	14
27.50	1125	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
411.2	n/a	n/a	n/a	1
392.0	n/a	n/a	n/a	1
372.8	n/a	n/a	n/a	1
353.7	n/a	n/a	n/a	1
334.8	n/a	n/a	n/a	1
316.1	.05	316.1	316.0	2
297.4	.28	297.8	297.0	9
278.6	.31	279.0	278.3	17
259.7	.22	260.0	259.3	20
240.8	.21	241.1	240.5	20
221.9	.19	222.2	221.6	20
203.1	.19	203.6	202.8	20
184.4	.20	184.9	184.1	20
166.0	.30	166.6	165.5	20
148.0	.50	149.2	147.3	20
130.2	.49	131.3	129.6	18
112.3	.29	112.8	111.9	18
103.4	.20	103.7	103.1	18
94.6	.30	95.6	94.2	18
85.7	.21	86.1	85.3	17
76.8	.19	77.1	76.4	14
67.5	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	8.80	n/a	n/a	n/a	1
24.00	9.02	n/a	n/a	n/a	1
24.20	9.24	n/a	n/a	n/a	1
24.40	9.44	n/a	n/a	n/a	1
24.60	9.63	n/a	n/a	n/a	1
24.80	9.18	.877	9.80	8.56	2
25.00	9.21	.295	9.58	8.85	9
25.20	8.84	.383	9.29	7.92	17
25.40	8.50	.598	9.38	7.03	20
25.60	8.35	.530	9.01	7.26	20
25.80	8.23	.409	9.09	7.48	20
26.00	8.05	.278	8.85	7.55	20
26.20	7.87	.235	8.48	7.44	20
26.40	7.62	.128	7.84	7.38	20
26.60	7.00	.135	7.29	6.78	20
26.80	5.81	.132	6.04	5.60	18
27.00	4.81	.106	4.99	4.65	18
27.10	4.45	.083	4.57	4.29	18
27.20	4.13	.091	4.42	4.01	18
27.30	3.76	.089	4.02	3.65	17
27.40	3.32	.113	3.61	3.15	14
27.50	3.14	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
410.2	n/a	n/a	n/a	1
389.0	n/a	n/a	n/a	1
367.9	n/a	n/a	n/a	1
348.6	n/a	n/a	n/a	1
330.6	n/a	n/a	n/a	1
314.7	1.13	315.5	313.9	2
296.3	.37	296.6	295.6	9
276.9	.66	277.4	275.6	17
257.9	.91	258.5	255.2	20
238.8	.78	239.5	237.0	20
220.0	.65	220.5	218.2	20
201.1	.42	201.4	200.0	20
182.2	.20	182.4	181.7	20
163.3	.07	163.4	163.2	20
144.3	.05	144.4	144.2	20
125.1	.20	125.3	124.6	18
106.1	.10	106.2	105.9	18
96.6	.08	96.7	96.4	18
87.1	.06	87.2	87.0	18
77.6	.06	77.6	77.4	17
68.0	.09	68.1	67.8	14
58.4	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

STATION MP04 J A N U A R Y 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	.680	n/a	n/a	n/a	1
24.00	.890	n/a	n/a	n/a	1
24.20	.960	n/a	n/a	n/a	1
24.40	1.020	n/a	n/a	n/a	1
24.60	1.080	n/a	n/a	n/a	1
24.80	1.930	.1414	1.130	.930	2
25.00	1.279	.5375	2.150	.560	9
25.20	1.754	.3634	2.390	1.300	17
25.40	1.957	.3973	2.690	1.330	20
25.60	2.178	.4019	2.970	1.630	20
25.80	2.388	.4083	3.110	1.780	20
26.00	2.668	.4010	3.420	2.020	20
26.20	3.009	.3727	3.870	2.360	20
26.40	3.648	.3960	4.470	2.960	20
26.60	4.846	.5536	6.160	4.050	20
26.80	6.779	.6069	8.110	5.720	18
27.00	8.819	.4876	9.720	8.020	18
27.10	9.887	.4213	10.760	9.340	18
27.20	11.099	.3683	11.870	10.590	18
27.30	12.318	.3345	13.140	11.760	17
27.40	13.780	.4303	14.510	12.700	14
27.50	13.980	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.06	n/a	n/a	n/a	1
.10	n/a	n/a	n/a	1
.11	n/a	n/a	n/a	1
.13	n/a	n/a	n/a	1
.14	n/a	n/a	n/a	1
.15	.014	.16	.14	2
.30	.229	.77	.05	9
.54	.217	.96	.29	17
.68	.257	1.21	.35	20
.85	.288	1.48	.48	20
1.02	.315	1.63	.58	20
1.28	.350	2.10	.75	20
1.65	.375	2.74	1.04	20
2.54	.537	3.78	1.55	20
4.93	1.313	8.27	3.27	20
10.78	2.357	16.54	7.48	18
20.07	2.335	24.65	16.95	18
26.44	2.258	30.49	22.98	18
35.03	2.332	38.81	30.57	18
45.28	2.346	50.04	41.34	17
59.82	3.987	64.28	49.75	14
63.34	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	12.642	n/a	n/a	n/a	1
24.00	12.433	n/a	n/a	n/a	1
24.20	12.368	n/a	n/a	n/a	1
24.40	12.306	n/a	n/a	n/a	1
24.60	12.248	n/a	n/a	n/a	1
24.80	12.015	.2525	12.193	11.836	2
25.00	11.985	.5718	12.714	11.124	8
25.20	11.527	.3542	12.039	10.877	14
25.40	11.257	.3927	11.964	10.585	16
25.60	11.026	.4030	11.664	10.301	16
25.80	10.804	.3806	11.474	10.159	16
26.00	10.511	.3564	11.233	9.979	16
26.20	10.172	.3228	10.900	9.686	16
26.40	9.513	.2346	10.110	9.176	16
26.60	8.256	.3411	8.787	7.411	16
26.80	6.397	.4461	7.054	5.427	16
27.00	4.374	.2856	4.752	3.851	16
27.10	3.307	.2334	3.644	2.916	16
27.20	2.083	.2069	2.499	1.677	16
27.30	.882	.1925	1.195	.536	16
27.40	-0.560	.3467	.322	-0.970	14
27.50	-0.952	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
13.315	n/a	n/a	n/a	1
13.275	n/a	n/a	n/a	1
13.232	n/a	n/a	n/a	1
13.186	n/a	n/a	n/a	1
13.137	n/a	n/a	n/a	1
12.915	.2418	13.086	12.744	2
13.157	.2693	13.519	12.677	8
13.124	.2796	13.589	12.590	14
12.988	.2604	13.433	12.497	16
12.854	.2585	13.279	12.389	16
12.702	.2562	13.141	12.272	16
12.530	.2534	12.977	12.142	16
12.330	.2513	12.781	11.975	16
12.087	.2437	12.552	11.764	16
11.746	.2082	12.175	11.436	16
11.212	.1425	11.485	10.960	16
10.402	.0803	10.540	10.231	16
9.884	.0559	9.987	9.752	16
9.275	.0421	9.338	9.182	16
8.538	.0286	8.580	8.474	16
7.660	.0178	7.699	7.636	14
6.714	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	6.58	n/a	n/a	n/a	1
25.20	6.01	n/a	n/a	n/a	1
25.40	5.38	n/a	n/a	n/a	1
25.60	4.85	n/a	n/a	n/a	1
25.80	4.41	n/a	n/a	n/a	1
26.00	4.01	n/a	n/a	n/a	1
26.20	3.65	n/a	n/a	n/a	1
26.40	3.20	n/a	n/a	n/a	1
26.60	2.59	n/a	n/a	n/a	1
26.80	1.84	n/a	n/a	n/a	1
27.00	1.03	n/a	n/a	n/a	1
27.10	.71	n/a	n/a	n/a	1
27.20	.78	n/a	n/a	n/a	1
27.30	.70	n/a	n/a	n/a	1
27.40	.56	n/a	n/a	n/a	1
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1481	n/a	n/a	n/a	1
1482	n/a	n/a	n/a	1
1483	n/a	n/a	n/a	1
1484	n/a	n/a	n/a	1
1486	n/a	n/a	n/a	1
1485	3.5	1487	1482	2
1485	1.3	1486	1483	9
1484	1.6	1486	1480	17
1483	2.4	1486	1477	20
1483	2.2	1485	1478	20
1483	1.7	1486	1480	20
1483	1.1	1485	1480	20
1483	1.1	1485	1481	20
1482	.8	1484	1481	20
1481	.9	1483	1480	20
1479	.9	1481	1478	18
1478	.7	1479	1477	18
1478	.4	1479	1478	18
1479	.6	1481	1478	18
1480	.5	1481	1479	17
1481	.6	1482	1480	14
1482	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	8.48	1.160	9.30	7.66	2
24.80	7.83	1.011	9.30	7.16	4
25.00	8.03	.844	9.45	7.21	9
25.20	8.45	.978	10.30	7.22	12
25.40	8.22	.755	10.04	6.87	15
25.60	8.21	.507	9.48	7.22	19
25.80	8.23	.416	9.14	7.53	19
26.00	8.14	.347	8.71	7.59	19
26.20	7.89	.329	8.38	7.16	19
26.40	7.61	.269	7.97	7.04	19
26.60	6.92	.188	7.21	6.56	19
26.80	5.83	.105	6.00	5.67	19
27.00	4.84	.095	5.00	4.58	19
27.10	4.48	.104	4.61	4.14	18
27.20	4.15	.081	4.25	3.95	18
27.30	3.79	.074	3.91	3.65	17
27.40	3.36	.099	3.53	3.22	14
27.50	2.92	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	31.733	.1125	31.812	31.653	2
24.80	31.845	.1792	32.067	31.678	4
25.00	32.087	.1572	32.353	31.932	9
25.20	32.419	.1886	32.790	32.187	12
25.40	32.628	.1446	32.990	32.382	15
25.60	32.883	.0932	33.128	32.726	19
25.80	33.144	.0769	33.317	33.041	19
26.00	33.379	.0641	33.486	33.282	19
26.20	33.585	.0605	33.677	33.455	19
26.40	33.787	.0487	33.853	33.685	19
26.60	33.919	.0323	33.970	33.858	19
26.80	33.993	.0174	34.019	33.967	19
27.00	34.098	.0138	34.121	34.060	19
27.10	34.172	.0147	34.191	34.127	18
27.20	34.255	.0107	34.268	34.229	18
27.30	34.334	.0097	34.350	34.316	17
27.40	34.407	.0112	34.427	34.390	14
27.50	34.481	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	5	5.7	9	1	2
24.80	13	11.4	29	3	4
25.00	28	17.1	54	5	9
25.20	52	22.4	81	10	12
25.40	71	18.2	98	37	15
25.60	84	16.9	104	47	19
25.80	93	16.2	117	62	19
26.00	105	16.8	134	74	19
26.20	124	19.1	164	87	19
26.40	158	22.1	210	120	19
26.60	222	25.9	266	175	19
26.80	348	32.5	395	284	19
27.00	520	30.1	584	467	19
27.10	619	32.4	680	558	18
27.20	740	36.3	815	698	18
27.30	877	41.9	963	816	17
27.40	1058	50.8	1159	995	14
27.50	1180	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	334.8	.16	334.9	334.7	2
24.80	315.9	.25	316.2	315.6	4
25.00	297.1	.30	297.6	296.7	9
25.20	278.5	.43	279.0	277.8	12
25.40	259.7	.32	260.3	259.2	15
25.60	240.9	.29	241.4	240.3	19
25.80	222.1	.30	222.7	221.6	19
26.00	203.3	.31	203.9	202.7	19
26.20	184.6	.35	185.4	184.0	19
26.40	166.1	.38	167.0	165.5	19
26.60	147.9	.40	148.5	147.2	19
26.80	130.0	.39	130.8	129.3	19
27.00	112.1	.36	112.8	111.5	19
27.10	103.3	.34	103.8	102.6	18
27.20	94.5	.36	95.1	93.8	18
27.30	85.6	.28	86.1	85.2	17
27.40	76.6	.21	77.0	76.3	14
27.50	67.0	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	8.48	1.160	9.30	7.66	2
24.80	7.83	1.011	9.30	7.16	4
25.00	8.03	.842	9.45	7.21	9
25.20	8.44	.977	10.29	7.21	12
25.40	8.21	.752	10.03	6.87	15
25.60	8.20	.507	9.47	7.21	19
25.80	8.23	.415	9.13	7.53	19
26.00	8.13	.347	8.70	7.58	19
26.20	7.88	.329	8.37	7.15	19
26.40	7.59	.267	7.95	7.03	19
26.60	6.90	.187	7.19	6.54	19
26.80	5.80	.104	5.97	5.64	19
27.00	4.80	.094	4.96	4.54	19
27.10	4.43	.104	4.56	4.09	18
27.20	4.09	.080	4.20	3.90	18
27.30	3.73	.075	3.84	3.58	17
27.40	3.28	.101	3.45	3.14	14
27.50	2.84	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	328.8	7.92	334.4	323.2	2
24.80	311.6	5.10	315.6	304.5	4
25.00	296.1	1.03	296.6	293.4	9
25.20	277.3	.29	277.5	276.6	12
25.40	258.3	.31	258.5	257.5	15
25.60	239.1	.59	239.5	237.3	19
25.80	220.0	.73	220.4	218.0	19
26.00	201.1	.42	201.4	199.8	19
26.20	182.2	.16	182.4	181.9	19
26.40	163.3	.09	163.4	163.1	19
26.60	144.3	.07	144.4	144.1	19
26.80	125.2	.15	125.3	124.8	19
27.00	106.2	.09	106.3	106.0	19
27.10	96.6	.07	96.7	96.5	18
27.20	87.1	.05	87.2	87.1	18
27.30	77.6	.05	77.6	77.5	17
27.40	68.1	.06	68.1	67.9	14
27.50	58.6	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	.180	.1980	.320	.040	2
24.80	.440	.3804	.970	.110	4
25.00	.879	.5384	1.720	.170	9
25.20	1.540	.6634	2.460	.300	12
25.40	2.023	.5542	2.820	.970	19
25.60	2.343	.4984	2.980	1.360	19
25.80	2.565	.4852	3.230	1.690	19
26.00	2.813	.4946	3.570	1.960	19
26.20	3.181	.5167	3.960	2.200	19
26.40	3.770	.5330	4.770	2.790	19
26.60	4.776	.5571	5.660	3.650	19
26.80	6.531	.6095	7.360	5.290	19
27.00	8.635	.5972	9.600	7.580	19
27.10	9.709	.6192	10.650	8.600	18
27.20	10.913	.6458	12.010	9.820	18
27.30	12.151	.6947	13.230	11.000	17
27.40	13.659	.7312	14.850	12.510	14
27.50	14.930	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.01	.014	.02	.00	2
.04	.065	.14	.00	4
.16	.172	.46	.00	9
.47	.337	.97	.01	12
.77	.363	1.41	.18	19
1.02	.375	1.57	.32	19
1.22	.411	1.85	.51	19
1.48	.472	2.28	.69	19
1.92	.584	3.14	.89	19
2.78	.760	4.69	1.51	19
4.74	1.087	6.85	2.81	19
9.88	1.813	12.56	6.57	19
19.21	2.402	24.18	15.01	19
25.47	2.845	30.99	20.26	18
33.89	3.530	41.43	29.30	18
44.27	4.377	53.05	38.26	17
59.14	5.726	70.73	52.36	14
70.19	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	13.311	.1718	13.433	13.190	2
24.80	13.012	.3578	13.366	12.542	4
25.00	12.324	.4826	13.302	11.787	8
25.20	11.655	.6413	13.180	10.891	11
25.40	11.050	.5228	12.576	10.416	16
25.60	10.735	.3354	11.402	10.263	16
25.80	10.506	.3154	11.134	10.100	16
26.00	10.249	.2875	10.850	9.765	16
26.20	9.886	.2502	10.266	9.381	16
26.40	9.312	.2442	9.622	8.781	16
26.60	8.325	.2560	8.713	7.858	16
26.80	6.643	.2879	7.159	6.189	16
27.00	4.488	.2592	4.912	3.987	16
27.10	3.394	.2747	3.913	2.937	16
27.20	2.192	.3058	2.538	1.578	16
27.30	.926	.3438	1.435	.243	16
27.40	-0.541	.4144	-0.030	-1.377	14
27.50	-1.379	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
13.489	.0192	13.502	13.475	2
13.433	.0445	13.470	13.376	4
13.073	.4248	13.462	12.354	8
13.061	.3615	13.449	12.299	11
12.942	.3925	13.538	12.230	16
12.789	.3711	13.368	12.148	16
12.621	.3507	13.165	12.045	16
12.431	.3302	12.975	11.916	16
12.216	.3055	12.763	11.734	16
11.956	.2725	12.475	11.508	16
11.614	.2322	12.073	11.222	16
11.114	.1881	11.493	10.807	16
10.351	.1458	10.628	10.154	16
9.843	.1173	10.053	9.690	16
9.241	.0899	9.404	9.106	16
8.520	.0470	8.607	8.455	16
7.649	.0141	7.675	7.632	14
6.604	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	6.54	n/a	n/a	n/a	1
25.00	6.40	n/a	n/a	n/a	1
25.20	6.25	.601	6.68	5.83	2
25.40	5.36	1.294	6.27	4.44	5
25.60	4.71	.679	5.19	4.23	5
25.80	4.19	.219	4.35	4.04	2
26.00	3.96	.156	4.07	3.85	2
26.20	3.67	.021	3.68	3.65	2
26.40	3.04	.035	3.07	3.02	2
26.60	2.61	.219	2.76	2.45	5
26.80	1.68	.042	1.71	1.65	5
27.00	.82	.042	.85	.79	5
27.10	.58	.071	.63	.53	5
27.20	.41	.035	.44	.39	2
27.30	.38	.049	.42	.35	2
27.40	.40	n/a	n/a	n/a	1
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1481	4.9	1494	1477	2
1479	4.3	1485	1476	4
1480	3.4	1485	1476	9
1482	4.3	1490	1477	12
1482	3.2	1489	1476	19
1482	2.2	1488	1478	19
1483	1.8	1487	1480	19
1483	1.5	1486	1481	19
1483	1.6	1485	1479	19
1482	1.3	1484	1480	19
1481	1.0	1482	1479	19
1479	.7	1480	1477	19
1478	.8	1479	1476	19
1478	.8	1479	1476	18
1479	.8	1480	1477	18
1480	.7	1481	1479	17
1481	.7	1482	1480	14
1481	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	7.82	.014	7.83	7.81	2
23.40	7.89	.035	7.93	7.86	3
23.60	7.98	.084	8.03	7.88	3
23.80	8.09	.165	8.20	7.90	3
24.00	8.18	.242	8.36	7.91	3
24.20	8.30	.321	8.50	7.93	5
24.40	8.81	.687	9.83	7.95	6
24.60	8.79	.563	9.73	8.21	7
24.80	9.03	.536	9.88	8.31	7
25.00	9.26	.704	10.44	7.85	13
25.20	9.06	.712	10.09	7.21	17
25.40	8.82	.672	9.79	7.27	21
25.60	8.68	.600	9.52	7.37	21
25.80	8.55	.553	9.56	7.43	21
26.00	8.37	.490	9.30	7.45	21
26.20	8.12	.395	8.75	7.24	21
26.40	7.74	.250	8.15	7.24	21
26.60	7.08	.154	7.40	6.82	21
26.80	5.92	.188	6.50	5.61	21
27.00	4.88	.137	5.30	4.68	21
27.10	4.45	.104	4.64	4.24	20
27.20	4.12	.122	4.29	3.77	19
27.30	3.77	.082	3.92	3.58	19
27.40	3.36	.100	3.55	3.12	18
27.50	2.92	.073	3.03	2.84	6
27.60	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
29.737	.0000	29.738	29.736	2
30.016	.0111	30.027	30.005	3
30.310	.0238	30.337	30.292	3
30.604	.0097	30.614	30.597	3
30.860	.0376	30.901	30.828	3
31.116	.0694	31.159	31.036	5
31.466	.1292	31.662	31.306	6
31.718	.1086	31.904	31.610	6
32.020	.1026	32.186	31.893	7
32.322	.1412	32.564	32.048	13
32.538	.1404	32.750	32.185	17
32.747	.1329	32.937	32.453	21
32.979	.1203	33.144	32.724	21
33.205	.1101	33.402	32.990	21
33.426	.0961	33.605	33.249	21
33.630	.0749	33.750	33.465	21
33.812	.0458	33.887	33.721	21
33.947	.0272	34.005	33.903	21
34.009	.0301	34.101	33.958	21
34.103	.0201	34.165	34.074	21
34.170	.0146	34.196	34.141	20
34.251	.0153	34.273	34.207	19
34.331	.0104	34.349	34.309	19
34.407	.0121	34.429	34.378	18
34.481	.0099	34.493	34.472	6
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	4	2.1	5	2	2
23.40	7	1.7	8	5	3
23.60	9	2.1	11	7	3
23.80	11	2.6	13	8	3
24.00	12	3.1	15	9	3
24.20	14	3.5	17	10	5
24.40	14	3.8	19	10	6
24.60	19	4.9	27	15	7
24.80	24	10.4	39	9	13
25.00	37	20.5	69	9	17
25.20	62	26.7	105	15	21
25.40	72	25.1	122	51	21
25.60	84	20.8	132	60	21
25.80	93	20.5	138	71	21
26.00	106	21.7	144	83	21
26.20	123	24.1	166	112	21
26.40	153	35.3	203	144	21
26.60	215	52.0	282	225	21
26.80	332	38.4	381	420	21
27.00	498	31.5	538	522	20
27.10	595	39.1	677	637	19
27.20	713	45.5	825	763	19
27.30	846	43.3	909	895	18
27.40	1021	52.9	1101	1187	6
27.50	1213	28.9	1258	n/a	0
27.60	n/a	n/a	n/a	n/a	

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
468.3	.00	468.3	468.3	2
449.3	.11	449.3	449.2	3
430.1	.15	430.2	429.9	3
411.0	.15	411.1	410.8	3
391.9	.18	392.1	391.8	3
373.0	.00	373.0	373.0	3
354.0	.04	354.0	353.9	5
335.0	.12	335.2	334.9	6
316.1	.16	316.3	315.9	7
297.3	.40	298.0	296.7	13
278.7	.51	279.6	277.8	17
259.8	.50	260.9	258.8	21
241.0	.43	242.0	240.4	21
222.2	.45	223.1	221.5	21
203.4	.46	204.2	202.6	21
184.7	.46	185.6	183.9	21
166.1	.47	167.0	165.3	21
147.9	.49	148.9	146.9	21
129.9	.47	130.5	128.8	21
112.0	.31	112.4	111.4	21
103.0	.33	103.4	102.3	20
94.2	.32	94.6	93.5	19
85.3	.36	85.8	84.6	19
76.4	.26	76.9	75.5	18
67.2	.26	67.4	66.8	6
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	7.82	.014	7.83	7.81	2
23.40	7.89	.035	7.93	7.86	3
23.60	7.98	.084	8.03	7.88	3
23.80	8.09	.163	8.20	7.90	3
24.00	8.18	.240	8.36	7.91	3
24.20	8.30	.321	8.50	7.93	5
24.40	8.81	.687	9.83	7.95	6
24.60	8.79	.563	9.73	8.20	7
24.80	9.03	.536	9.88	8.31	7
25.00	9.25	.703	10.43	7.85	13
25.20	9.05	.709	10.08	7.21	17
25.40	8.81	.671	9.77	7.26	21
25.60	8.67	.599	9.51	7.36	21
25.80	8.54	.551	9.55	7.42	21
26.00	8.36	.488	9.28	7.45	21
26.20	8.11	.393	8.74	7.23	21
26.40	7.73	.246	8.12	7.23	21
26.60	7.06	.155	7.39	6.80	21
26.80	5.89	.188	6.48	5.58	21
27.00	4.84	.136	5.26	4.63	21
27.10	4.41	.105	4.59	4.19	20
27.20	4.07	.124	4.23	3.70	19
27.30	3.70	.083	3.86	3.52	19
27.40	3.28	.102	3.47	3.04	18
27.50	2.84	.070	2.94	2.76	6
27.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
468.4	.10	468.3	468.1	2
448.3	1.16	449.1	447.0	3
427.5	2.88	429.5	424.2	3
407.1	2.00	408.6	404.8	3
389.3	1.70	391.2	388.0	3
371.8	.81	372.7	371.3	5
353.0	.47	353.6	352.6	6
334.0	.27	334.4	333.7	7
315.2	.60	315.7	314.1	13
296.2	.44	296.5	295.1	17
277.2	.44	277.6	276.2	21
258.0	.68	258.6	256.6	21
238.8	.85	239.4	236.4	21
220.0	.73	220.4	217.8	21
201.0	.43	201.5	200.0	21
182.3	.18	182.4	181.8	21
163.3	.09	163.4	163.1	21
144.3	.10	144.4	144.0	21
125.1	.20	125.4	124.8	21
106.1	.11	106.3	105.9	20
96.7	.06	96.7	96.5	19
87.1	.07	87.2	87.0	19
77.6	.07	77.7	77.5	18
68.0	.11	68.2	67.6	6
58.5	.05	58.6	58.5	0
n/a	n/a	n/a	n/a	

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	.165	.1344	.260	.070	2
23.40	.327	.0681	.380	.250	3
23.60	.470	.1044	.490	.300	3
23.80	.480	.1153	.570	.350	3
24.00	.543	.1290	.650	.400	3
24.20	.600	.1473	.730	.440	5
24.40	.560	.1888	.810	.380	6
24.60	.727	.1862	.960	.530	7
24.80	.886	.4053	1.470	.280	7
25.00	1.214	.6767	2.110	.090	13
25.20	1.909	.8270	3.200	.250	17
25.40	2.153	.7867	3.670	.390	21
25.60	2.436	.6742	3.920	1.310	21
25.80	2.664	.6663	4.050	1.530	21
26.00	2.923	.6872	4.180	1.830	21
26.20	3.265	.7222	4.350	2.160	21
26.40	3.788	.7402	4.950	2.620	21
26.60	4.760	.8213	6.210	3.030	21
26.80	6.386	.8956	7.620	4.130	21
27.00	8.414	.7707	9.260	6.490	21
27.10	9.485	.8285	10.530	7.670	20
27.20	10.635	.8877	12.040	8.780	19
27.30	11.844	.8613	12.820	10.000	19
27.40	13.268	.9587	14.480	11.370	18
27.50	14.228	.7735	15.080	13.290	6
27.60	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
.00	.007	.01	.00	2
.01	.006	.02	.01	3
.02	.010	.03	.01	3
.03	.015	.04	.01	3
.04	.015	.05	.02	3
.04	.020	.06	.02	5
.04	.023	.07	.02	6
.07	.038	.13	.04	7
.12	.093	.27	.01	13
.28	.255	.74	.00	17
.69	.491	1.70	.01	21
.87	.532	2.24	.03	21
1.07	.547	2.57	.34	21
1.28	.585	2.75	.46	21
1.54	.657	2.94	.67	21
1.95	.783	3.39	.85	21
2.70	.945	4.58	1.35	21
4.56	1.401	7.71	2.00	21
9.13	2.064	12.38	4.07	21
17.71	3.361	20.74	11.81	21
23.66	3.151	29.71	17.56	20
31.58	4.149	41.33	24.25	19
41.25	4.461	48.13	33.01	19
54.88	5.848	63.67	42.06	18
69.43	3.962	74.85	65.06	6
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	13.374	.0870	13.436	13.313	2
23.40	13.233	.1101	13.351	13.133	3
23.60	13.141	.1379	13.299	13.045	3
23.80	13.077	.1491	13.249	12.986	3
24.00	13.017	.1609	13.203	12.918	3
24.20	12.958	.1736	13.157	12.838	5
24.40	12.884	.2023	13.101	12.656	6
24.60	12.593	.2718	12.981	12.165	7
24.80	12.407	.2808	12.846	12.096	7
25.00	12.195	.6534	13.515	11.287	11
25.20	11.342	.5807	12.650	10.687	15
25.40	10.915	.2935	11.360	10.401	19
25.60	10.631	.2171	10.962	10.203	19
25.80	10.401	.2235	10.786	10.021	19
26.00	10.130	.2378	10.563	9.691	19
26.20	9.776	.2754	10.269	9.252	19
26.40	9.243	.2809	9.672	8.659	19
26.60	8.262	.3624	8.694	7.399	19
26.80	6.621	.3794	7.593	5.976	19
27.00	4.580	.2293	5.240	4.333	19
27.10	3.553	.2948	4.059	2.937	19
27.20	2.389	.3607	2.947	1.430	19
27.30	1.180	.3350	1.777	.668	19
27.40	-0.240	.4127	.715	-0.882	18
27.50	-1.615	.2308	-1.395	-1.952	6
27.60	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
13.539	.0404	13.568	13.511	2
13.550	.0462	13.593	13.501	3
13.535	.0491	13.582	13.484	3
13.516	.0525	13.568	13.463	3
13.494	.0566	13.552	13.439	3
13.469	.0605	13.534	13.414	3
13.370	.2015	13.513	13.022	5
13.229	.3193	13.489	12.686	6
13.180	.2876	13.455	12.654	7
13.245	.2790	13.607	12.619	11
13.052	.3849	13.491	12.042	15
12.769	.4673	13.321	11.720	19
12.623	.4347	13.138	11.649	19
12.458	.4057	12.936	11.542	19
12.273	.3754	12.695	11.418	19
12.061	.3431	12.436	11.262	19
11.807	.3082	12.155	11.069	19
11.476	.2703	11.802	10.828	19
10.989	.2247	11.291	10.506	19
10.239	.1682	10.522	9.875	19
9.744	.1418	9.994	9.426	19
9.161	.1026	9.395	8.915	19
8.462	.0649	8.551	8.290	18
7.630	.0333	7.668	7.535	6
6.620	.0232	6.651	6.594	6
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	7.34	n/a	n/a	n/a	1
23.60	7.25	n/a	n/a	n/a	1
23.80	7.18	n/a	n/a	n/a	1
24.00	7.11	n/a	n/a	n/a	1
24.20	7.05	n/a	n/a	n/a	1
24.40	6.98	n/a	n/a	n/a	1
24.60	6.86	n/a	n/a	n/a	1
24.80	6.67	n/a	n/a	6.37	3
25.00	6.69	.282	6.91	5.75	5
25.20	6.24	.391	6.61	4.94	5
25.40	5.51	.397	5.90	4.17	5
25.60	4.88	.460	5.33	3.85	5
25.80	4.39	.358	4.74	3.50	5
26.00	3.90	.292	4.20	3.20	5
26.20	3.42	.214	3.66	2.74	5
26.40	2.93	.197	3.15	2.30	5
26.60	2.48	.157	2.66	1.56	5
26.80	1.66	.064	1.74	.77	5
27.00	.85	.059	.92	.53	5
27.10	.63	.080	.75	.37	5
27.20	.45	.083	.59	.32	5
27.30	.37	.043	.43	.33	5
27.40	.44	.143	.68	.33	3
27.50	.51	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
1476	.7	1476	1475	2
1476	.0	1476	1476	3
1477	.0	1477	1477	3
1478	.6	1478	1477	3
1478	1.2	1479	1477	3
1479	1.5	1480	1478	3
1482	2.9	1486	1478	5
1482	2.3	1486	1480	6
1483	2.3	1487	1480	7
1485	2.9	1490	1479	13
1485	3.2	1490	1477	17
1485	3.4	1489	1478	21
1484	3.6	1488	1478	21
1484	3.6	1489	1479	21
1484	3.6	1488	1480	21
1484	2.1	1488	1480	21
1484	1.9	1487	1480	21
1483	1.2	1485	1481	21
1481	.9	1483	1480	21
1479	.6	1480	1477	21
1477	.6	1478	1476	21
1478	.7	1479	1476	20
1478	.8	1479	1477	19
1479	.7	1480	1478	19
1480	.9	1482	1478	18
1482	.5	1482	1481	6
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	8.17	n/a	n/a	n/a	1
24.20	8.79	.762	9.25	7.91	3
24.40	8.61	.798	9.33	7.60	5
24.60	8.62	.877	9.72	7.38	8
24.80	8.54	.782	9.88	7.37	10
25.00	8.49	.740	10.02	7.33	13
25.20	8.31	.619	9.60	7.28	14
25.40	8.08	.510	9.26	7.34	15
25.60	8.02	.413	8.78	7.36	15
25.80	7.93	.347	8.58	7.36	15
26.00	7.83	.376	8.88	7.37	15
26.20	7.72	.311	8.65	7.41	15
26.40	7.46	.233	8.13	7.22	15
26.60	6.93	.102	7.13	6.83	15
26.80	5.90	.178	6.30	5.64	15
27.00	4.87	.111	5.16	4.73	13
27.10	4.49	.099	4.69	4.37	13
27.20	4.17	.093	4.31	4.02	13
27.30	3.81	.086	3.93	3.66	13
27.40	3.43	.049	3.51	3.36	10
27.50	2.91	.044	2.99	2.88	5
27.60	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
30.825	n/a	n/a	n/a	1
31.201	.1400	31.284	31.039	3
31.435	.1566	31.589	31.239	5
31.690	.1597	31.895	31.482	8
31.934	.1514	32.208	31.722	10
32.178	.1413	32.476	31.955	13
32.396	.1191	32.662	32.197	14
32.603	.0971	32.840	32.465	15
32.853	.0763	33.001	32.721	15
33.088	.0620	33.204	32.977	15
33.321	.0702	33.520	33.235	15
33.555	.0571	33.729	33.498	15
33.761	.0420	33.884	33.719	15
33.920	.0182	33.956	33.902	15
34.005	.0282	34.069	33.968	15
34.103	.0165	34.143	34.082	13
34.175	.0144	34.203	34.158	13
34.258	.0111	34.275	34.239	13
34.337	.0109	34.351	34.317	13
34.415	.0064	34.425	34.407	10
34.480	.0022	34.489	34.476	5
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	9	n/a	n/a	n/a	1
24.20	18	6.2	25	13	3
24.40	21	7.7	32	14	5
24.60	23	6.8	34	12	8
24.80	26	8.1	36	12	10
25.00	33	7.7	49	16	13
25.20	46	14.4	84	19	14
25.40	66	15.4	94	33	15
25.60	80	12.8	105	62	15
25.80	89	14.2	114	70	15
26.00	99	15.7	124	79	15
26.20	114	16.2	141	95	15
26.40	139	15.0	161	117	15
26.60	192	19.7	233	164	15
26.80	310	24.2	346	274	15
27.00	491	35.5	585	437	13
27.10	586	31.4	656	529	13
27.20	703	35.9	781	642	13
27.30	840	40.7	918	781	13
27.40	1015	46.3	1085	938	10
27.50	1249	33.9	1290	1197	5
27.60	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
392.0	n/a	n/a	n/a	1
373.1	.13	373.3	373.0	3
354.1	.09	354.2	354.0	5
335.1	.15	335.3	334.8	8
316.1	.16	316.3	315.8	10
297.1	.16	297.6	296.9	13
278.3	.28	279.1	277.9	14
259.6	.28	260.2	259.1	15
240.8	.27	241.3	240.3	15
221.9	.25	222.3	221.6	15
203.1	.24	203.5	202.8	15
184.4	.25	184.8	184.0	15
165.8	.25	166.3	165.4	15
147.4	.32	148.2	147.0	15
129.6	.31	130.2	129.2	15
111.9	.38	112.8	111.3	13
103.0	.33	103.6	102.5	13
94.2	.36	94.8	93.7	13
85.3	.36	86.0	84.9	13
76.5	.34	77.0	76.0	10
67.4	.13	67.6	67.3	5
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	8.17	n/a	n/a	n/a	1
24.20	8.79	.759	9.24	7.91	3
24.40	8.60	.803	9.33	7.59	5
24.60	8.62	.876	9.72	7.38	8
24.80	8.54	.784	9.88	7.37	10
25.00	8.48	.740	10.01	7.32	13
25.20	8.30	.618	9.59	7.28	14
25.40	8.08	.509	9.25	7.34	15
25.60	8.02	.413	8.77	7.35	15
25.80	7.92	.347	8.57	7.35	15
26.00	7.82	.375	8.87	7.36	15
26.20	7.70	.309	8.63	7.40	15
26.40	7.45	.232	8.11	7.20	15
26.60	6.91	.102	7.11	6.81	15
26.80	5.88	.179	6.28	5.61	15
27.00	4.83	.111	5.11	4.69	13
27.10	4.45	.097	4.64	4.33	13
27.20	4.12	.090	4.25	3.97	13
27.30	3.75	.086	3.87	3.60	13
27.40	3.35	.051	3.44	3.29	10
27.50	2.82	.049	2.91	2.79	5
27.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
391.7	n/a	n/a	n/a	1
372.6	.31	372.8	372.2	3
352.6	.70	353.1	351.4	5
333.9	.87	334.7	331.9	8
314.6	1.03	315.7	312.7	10
295.6	1.02	296.5	293.9	13
276.8	.82	277.6	275.3	14
258.2	.50	258.5	256.8	15
238.7	.90	239.5	236.5	15
219.8	.76	220.5	218.2	15
201.1	.34	201.4	200.4	15
182.1	.27	182.4	181.6	15
163.3	.13	163.4	163.0	15
144.3	.07	144.4	144.2	15
125.2	.20	125.3	124.8	15
106.1	.09	106.3	106.0	13
96.6	.07	96.7	96.5	13
87.1	.07	87.2	87.0	13
77.6	.03	77.6	77.5	13
68.0	.10	68.1	67.8	10
58.5	.00	58.5	58.5	5
n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	.350	n/a	n/a	n/a	1
24.20	.697	.2346	.960	.510	3
24.40	.814	.2829	1.190	.520	5
24.60	.846	.2576	1.280	.420	8
24.80	.919	.2982	1.340	.400	10
25.00	1.095	.2628	1.610	.560	13
25.20	1.488	.4387	2.640	.650	14
25.40	1.989	.4773	2.930	1.020	15
25.60	2.346	.4163	3.180	1.790	15
25.80	2.561	.4544	3.410	1.950	15
26.00	2.773	.4799	3.610	2.060	15
26.20	3.072	.4682	3.880	2.480	15
26.40	3.514	.4134	4.210	2.890	15
26.60	4.325	.4090	4.940	3.770	15
26.80	5.968	.4734	6.720	5.290	15
27.00	8.193	.5958	9.520	7.380	13
27.10	9.221	.5649	10.300	8.370	13
27.20	10.374	.6018	11.550	9.480	13
27.30	11.625	.6439	12.800	10.760	13
27.40	13.006	.6756	14.170	12.050	10
27.50	14.666	.4674	15.130	13.940	5
27.60	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.02	n/a	n/a	n/a	1
.07	.047	.12	.03	3
.10	.065	.19	.04	5
.11	.060	.22	.03	8
.13	.074	.25	.02	10
.19	.083	.39	.05	13
.37	.238	1.09	.06	14
.67	.299	1.36	.16	15
.92	.309	1.62	.56	15
1.12	.367	1.87	.69	15
1.32	.426	2.12	.82	15
1.65	.476	2.49	1.11	15
2.22	.489	2.98	1.57	15
3.61	.696	4.89	2.66	15
7.83	1.184	9.55	6.22	15
16.94	2.462	23.27	13.23	13
22.62	2.549	28.24	18.17	13
30.27	3.272	37.44	24.85	13
40.21	4.085	48.40	34.18	13
53.77	5.241	62.53	46.03	10
72.87	3.893	76.54	66.33	5
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	13.066	n/a	n/a	n/a	1
24.20	12.446	.5741	12.907	11.803	3
24.40	12.164	.4640	12.774	11.737	5
24.60	12.144	.4176	12.678	11.663	7
24.80	12.019	.3588	12.559	11.456	8
25.00	11.824	.3141	12.397	11.249	10
25.20	11.345	.4204	11.879	10.745	11
25.40	10.829	.3555	11.483	10.250	12
25.60	10.482	.2629	10.934	10.060	12
25.80	10.273	.2755	10.861	9.945	12
26.00	10.081	.3133	10.757	9.770	12
26.20	9.793	.2507	10.205	9.471	12
26.40	9.349	.1711	9.587	9.102	12
26.60	8.517	.2216	8.897	8.147	12
26.80	6.794	.1960	7.174	6.575	12
27.00	4.642	.2768	5.057	3.894	12
27.10	3.616	.2356	4.060	3.115	12
27.20	2.465	.2808	2.950	1.868	12
27.30	1.213	.3228	1.674	.613	12
27.40	-0.196	.3655	.397	-0.759	10
27.50	-1.893	.2539	-1.503	-2.205	5
27.60	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
13.408	n/a	n/a	n/a	1
13.121	.3403	13.388	12.738	3
12.929	.3864	13.359	12.398	5
12.907	.4208	13.443	12.361	7
12.882	.3894	13.386	12.316	8
12.791	.3615	13.306	12.258	10
12.681	.3498	13.172	12.184	11
12.589	.3239	13.054	12.065	12
12.445	.3075	12.901	11.926	12
12.283	.2915	12.720	11.775	12
12.104	.2766	12.517	11.612	12
11.905	.2629	12.292	11.433	12
11.671	.2458	12.039	11.232	12
11.376	.2230	11.734	10.974	12
10.932	.1970	11.306	10.584	12
10.415	.1596	10.548	9.958	12
9.729	.1259	9.969	9.530	12
9.159	.1006	9.341	9.017	12
8.470	.0677	8.585	8.358	12
7.645	.0271	7.683	7.597	10
6.607	.0147	6.628	6.589	5
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	6.87	n/a	n/a	n/a	1
24.60	6.71	n/a	n/a	n/a	1
24.80	6.58	n/a	n/a	n/a	1
25.00	6.47	n/a	n/a	n/a	1
25.20	6.40	n/a	n/a	n/a	1
25.40	5.81	n/a	n/a	n/a	1
25.60	5.17	n/a	n/a	n/a	1
25.80	4.60	n/a	n/a	n/a	1
26.00	4.07	n/a	n/a	n/a	1
26.20	3.75	n/a	n/a	n/a	1
26.40	3.75	n/a	n/a	n/a	1
26.60	2.82	n/a	n/a	n/a	1
26.80	1.87	n/a	n/a	n/a	1
27.00	.78	n/a	n/a	n/a	1
27.10	.52	n/a	n/a	n/a	1
27.20	.43	n/a	n/a	n/a	1
27.30	.36	n/a	n/a	n/a	1
27.40	.29	n/a	n/a	n/a	1
27.50	.46	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1478	n/a	n/a	n/a	1
1481	2.9	1483	1478	3
1481	3.2	1484	1477	5
1481	3.8	1486	1476	8
1481	3.3	1487	1476	10
1482	3.0	1488	1477	13
1482	2.7	1487	1477	14
1481	2.2	1486	1478	15
1482	1.8	1485	1479	15
1482	1.6	1484	1479	15
1482	1.6	1486	1480	15
1482	1.1	1485	1481	15
1482	1.1	1485	1481	15
1480	.6	1482	1480	15
1479	.8	1480	1478	15
1477	.8	1479	1477	13
1477	.8	1479	1476	13
1478	.6	1479	1477	13
1479	.6	1480	1478	13
1480	.8	1482	1479	10
1482	.4	1483	1482	5
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	12.55	.042	12.58	12.52	2
23.60	11.18	.777	11.76	10.30	3
23.80	10.89	.549	11.64	9.96	6
24.00	10.44	.928	12.38	8.90	11
24.20	10.29	.983	12.10	8.38	15
24.40	10.28	.972	11.89	8.19	23
24.60	9.98	.811	11.53	8.03	32
24.80	9.55	.731	11.18	7.91	42
25.00	9.05	.613	10.62	7.82	49
25.20	8.53	.492	9.67	7.55	50
25.40	8.07	.524	9.39	7.26	50
25.60	7.91	.562	9.43	6.83	50
25.80	7.84	.521	9.26	6.86	50
26.00	7.81	.436	8.93	6.87	50
26.20	7.74	.391	8.50	6.73	50
26.40	7.49	.259	7.94	6.87	50
26.60	6.92	.170	7.33	6.55	50
26.80	5.82	.153	6.25	5.36	50
27.00	4.88	.133	5.14	4.56	43
27.10	4.50	.098	4.68	4.24	43
27.20	4.16	.080	4.29	3.97	43
27.30	3.81	.067	3.95	3.59	43
27.40	3.40	.078	3.58	3.14	39
27.50	2.89	.033	2.94	2.84	11
27.60	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
30.998	.0000	30.999	30.996	2
31.039	.2642	31.266	30.749	3
31.197	.1699	31.434	30.928	6
31.332	.2140	31.744	31.000	11
31.358	.2208	31.917	31.155	15
31.795	.1989	32.141	31.393	23
31.973	.1685	32.305	31.585	32
32.134	.1500	32.481	31.821	42
32.284	.1241	32.606	32.046	49
32.433	.0963	32.655	32.252	50
32.602	.1020	32.866	32.449	50
32.830	.1063	33.126	32.629	50
33.070	.0975	33.345	32.891	50
33.317	.0812	33.530	33.150	50
33.559	.0714	33.705	33.378	50
33.766	.0469	33.849	33.655	50
33.918	.0295	33.991	33.857	50
33.992	.0242	34.060	33.921	50
34.103	.0192	34.143	34.057	43
34.176	.0137	34.203	34.141	43
34.256	.0113	34.273	34.231	43
34.337	.0086	34.354	34.309	43
34.411	.0088	34.435	34.380	39
34.477	.0019	34.482	34.471	11
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	1	.0	1	1	2
23.60	5	2.1	7	3	3
23.80	7	3.2	12	3	6
24.00	11	4.2	16	2	11
24.20	12	5.0	20	3	15
24.40	15	6.1	29	6	23
24.60	19	7.1	34	4	32
24.80	24	8.0	48	9	42
25.00	29	11.3	64	5	49
25.20	43	15.7	93	19	50
25.40	61	15.8	109	36	50
25.60	74	15.0	120	51	50
25.80	84	15.1	133	59	50
26.00	95	16.1	147	67	50
26.20	111	17.4	165	84	50
26.40	137	18.0	191	103	50
26.60	189	19.9	240	146	50
26.80	305	25.8	366	246	50
27.00	479	29.9	546	405	43
27.10	586	31.7	652	522	43
27.20	705	33.6	774	637	43
27.30	849	38.2	932	773	43
27.40	1031	45.9	1121	943	39
27.50	1260	55.5	1362	1156	11
27.60	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
449.2	.10	449.2	449.2	2
430.0	.21	430.2	429.8	3
411.0	.26	411.2	410.5	6
392.0	.23	392.2	391.4	11
372.9	.20	373.2	372.4	15
354.0	.17	354.3	353.6	23
335.0	.16	335.3	334.8	32
316.1	.15	316.5	315.7	42
297.1	.21	297.7	296.7	49
278.3	.29	279.3	277.9	50
259.5	.30	260.5	259.2	50
240.7	.32	241.8	240.3	50
221.9	.31	223.0	221.4	50
203.1	.30	204.2	202.6	50
184.3	.31	185.4	183.8	50
165.7	.31	166.8	165.1	50
147.4	.31	148.2	146.7	50
129.5	.35	130.3	128.6	50
111.8	.37	112.4	110.8	43
103.0	.34	103.6	102.1	43
94.2	.33	94.8	93.4	43
85.4	.33	86.1	84.7	43
76.5	.34	77.2	75.8	39
67.3	.30	67.9	66.7	11
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	12.55	.042	12.58	12.52	2
23.60	11.18	.777	11.76	10.30	3
23.80	10.89	.549	11.64	9.96	6
24.00	10.44	.928	12.38	8.90	11
24.20	10.29	.982	12.09	8.38	15
24.40	10.28	.971	11.88	8.19	23
24.60	9.98	.810	11.52	8.03	32
24.80	9.55	.732	11.18	7.91	42
25.00	9.05	.613	10.62	7.82	49
25.20	8.53	.492	9.66	7.55	50
25.40	8.07	.522	9.38	7.26	50
25.60	7.90	.561	9.42	6.82	50
25.80	7.83	.519	9.25	6.86	50
26.00	7.80	.435	8.91	6.86	50
26.20	7.73	.390	8.48	6.72	50
26.40	7.48	.259	7.92	6.86	50
26.60	6.90	.169	7.31	6.53	50
26.80	5.80	.153	6.23	5.34	50
27.00	4.84	.132	5.10	4.52	43
27.10	4.45	.097	4.64	4.20	43
27.20	4.11	.079	4.23	3.92	43
27.30	3.75	.067	3.89	3.53	43
27.40	3.32	.080	3.51	3.06	39
27.50	2.79	.034	2.85	2.75	11
27.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
448.3	.63	448.8	447.9	2
421.8	10.24	428.7	410.0	3
405.1	9.46	410.7	386.2	6
388.2	6.46	391.7	369.1	11
369.0	4.46	372.8	355.8	15
351.4	2.52	353.7	345.0	23
333.3	1.40	334.7	329.3	32
314.7	1.08	315.7	310.6	42
295.9	.79	296.6	293.3	49
277.2	.52	277.6	275.0	50
258.1	.64	258.5	255.7	50
238.9	.78	239.5	236.3	50
220.0	.73	220.5	217.3	50
201.1	.38	201.5	200.1	50
182.2	.24	182.4	181.4	50
163.3	.10	163.5	163.1	50
144.3	.06	144.4	144.2	50
125.2	.15	125.4	124.8	50
106.2	.09	106.3	105.9	43
96.6	.07	96.7	96.5	43
87.1	.06	87.2	87.0	43
77.6	.06	77.7	77.5	43
68.0	.08	68.1	67.8	39
58.5	.11	58.6	58.2	11
n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	.045	.0071	.050	.040	2
23.60	.230	.1039	.290	.110	3
23.80	.280	.1367	.500	.120	6
24.00	.437	.1802	.680	.060	11
24.20	.493	.2102	.810	.120	15
24.40	.589	.2378	1.080	.210	23
24.60	.715	.2591	1.200	.140	32
24.80	.848	.2856	1.650	.290	42
25.00	.999	.3932	2.150	.140	49
25.20	1.377	.5009	2.900	.570	50
25.40	1.887	.4970	3.340	1.070	50
25.60	2.207	.4633	3.630	1.530	50
25.80	2.443	.4634	3.930	1.790	50
26.00	2.672	.4821	4.230	1.960	50
26.20	2.974	.5049	4.570	2.220	50
26.40	3.435	.5165	5.030	2.520	50
26.60	4.253	.5265	5.800	3.200	50
26.80	5.859	.5712	7.400	4.580	50
27.00	8.004	.5595	9.360	7.150	43
27.10	9.154	.5746	10.510	8.140	43
27.20	10.337	.5847	11.580	9.270	43
27.30	11.645	.6087	12.970	10.490	43
27.40	13.144	.6263	14.320	12.160	39
27.50	14.898	.6025	15.690	13.860	11
27.60	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.00	.000	.00	.00	2
.01	.006	.01	.00	3
.01	.012	.03	.00	6
.03	.017	.05	.00	11
.04	.026	.08	.00	15
.05	.039	.16	.01	23
.08	.051	.21	.00	32
.11	.072	.39	.01	42
.17	.125	.68	.00	49
.32	.259	1.32	.05	50
.60	.326	1.77	.19	50
.82	.351	2.11	.39	50
1.01	.391	2.50	.50	50
1.22	.448	2.93	.61	50
1.55	.529	3.48	.86	50
2.13	.624	4.32	1.18	50
3.50	.789	6.01	2.05	50
7.58	1.312	11.28	4.82	50
16.10	2.045	20.77	12.05	43
22.40	2.526	27.59	17.60	43
30.25	3.046	36.83	24.33	43
40.70	3.837	49.48	33.17	43
55.13	5.011	65.38	46.42	39
75.18	6.725	86.39	63.05	11
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	13.075	.1372	13.172	12.978	2
23.60	12.961	.0765	13.049	12.910	3
23.80	12.695	.4069	13.215	12.084	6
24.00	12.536	.3491	12.976	11.848	11
24.20	12.431	.3490	12.886	11.759	15
24.40	12.357	.4538	13.309	11.675	22
24.60	12.174	.3608	13.020	11.597	31
24.80	12.016	.3551	12.927	11.352	39
25.00	11.773	.3514	12.547	10.854	42
25.20	11.415	.3401	12.073	10.473	42
25.40	10.900	.3208	11.490	10.272	42
25.60	10.578	.3098	11.278	10.040	42
25.80	10.337	.3165	11.067	9.866	42
26.00	10.107	.3290	10.852	9.564	42
26.20	9.798	.3248	10.559	9.210	42
26.40	9.325	.2939	9.789	8.534	42
26.60	8.501	.2061	8.805	7.924	42
26.80	6.883	.1880	7.237	6.346	42
27.00	4.801	.2207	5.444	4.322	42
27.10	3.651	.2406	4.121	3.152	42
27.20	2.470	.2609	2.989	1.944	42
27.30	1.165	.3044	1.767	.501	42
27.40	-0.320	.3659	-.362	-1.046	39
27.50	-1.994	.4411	-1.179	-2.775	11
27.60	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
13.117	.1315	13.210	13.024	2
13.186	.1584	13.337	13.021	3
12.964	.4656	13.468	12.330	6
12.953	.3904	13.449	12.309	11
12.890	.3821	13.416	12.284	15
12.909	.4435	13.822	12.255	22
12.815	.3972	13.785	12.232	31
12.771	.3508	13.736	12.185	39
12.694	.3470	13.676	12.140	42
12.626	.3338	13.548	12.088	42
12.527	.3095	13.353	12.015	42
12.396	.2905	13.136	11.890	42
12.243	.2739	12.901	11.742	42
12.073	.2593	12.654	11.575	42
11.878	.2462	12.382	11.388	42
11.646	.2326	12.110	11.169	42
11.348	.2168	11.803	10.909	42
10.908	.1885	11.304	10.533	42
10.212	.1421	10.504	9.915	42
9.740	.1151	9.965	9.496	42
9.170	.0881	9.347	8.985	42
8.485	.0587	8.600	8.359	42
7.646	.0261	7.686	7.575	39
6.580	.0443	6.615	6.490	11
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	6.73	n/a	n/a	n/a	1
23.60	6.90	n/a	n/a	n/a	1
23.80	6.97	.035	7.00	6.95	2
24.00	6.96	.164	7.08	6.77	3
24.20	6.95	.148	7.14	6.80	4
24.40	6.88	.238	7.19	6.48	6
24.60	6.88	.212	7.16	6.46	7
24.80	6.78	.207	6.96	6.40	7
25.00	6.64	.300	6.92	6.18	7
25.20	6.55	.344	6.83	5.95	7
25.40	6.34	.607	6.80	4.98	7
25.60	5.22	.611	6.29	4.55	7
25.80	4.65	.448	5.39	4.02	7
26.00	4.12	.368	4.58	3.54	7
26.20	3.60	.282	3.96	3.10	7
26.40	3.12	.171	3.40	2.91	7
26.60	2.78	.306	3.40	2.48	7
26.80	1.72	.143	1.95	1.55	7
27.00	.83	.078	.96	.71	7
27.10	.57	.104	.77	.43	7
27.20	.42	.069	.54	.33	7
27.30	.35	.049	.44	.30	7
27.40	.38	.051	.45	.32	7
27.50	.57	.092	.64	.51	2
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1494	.0	1494	1494	2
1490	3.2	1492	1486	3
1489	2.3	1492	1485	6
1487	3.7	1495	1481	11
1487	3.9	1494	1479	15
1488	3.8	1494	1479	23
1487	3.2	1493	1479	32
1485	3.0	1492	1479	42
1484	2.5	1490	1479	49
1482	2.2	1487	1478	50
1481	2.4	1487	1478	50
1481	2.5	1488	1477	50
1481	2.3	1488	1477	50
1481	1.9	1487	1478	50
1482	1.7	1486	1478	50
1482	1.2	1484	1479	50
1480	.9	1482	1478	50
1478	.8	1479	1476	50
1477	.9	1478	1475	43
1477	.8	1479	1476	43
1478	.6	1479	1477	43
1479	.7	1481	1478	43
1481	.8	1482	1479	39
1482	.8	1484	1481	11
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	14.31	.071	14.36	14.26	2
23.40	13.82	.087	13.90	13.70	4
23.60	13.34	.225	13.62	13.11	5
23.80	12.58	.392	13.04	11.99	7
24.00	12.28	.379	13.05	11.70	11
24.20	11.67	.283	12.12	11.18	12
24.40	11.17	.338	12.04	10.70	16
24.60	10.49	.335	11.21	9.82	17
24.80	9.85	.341	10.60	9.03	18
25.00	9.15	.335	9.68	8.36	19
25.20	8.52	.355	8.90	7.65	19
25.40	8.05	.430	8.76	7.31	19
25.60	7.73	.499	8.59	6.96	19
25.80	7.61	.417	8.39	7.02	19
26.00	7.47	.367	8.17	6.94	19
26.20	7.41	.308	8.02	6.75	19
26.40	7.22	.236	7.54	6.59	19
26.60	6.81	.164	7.03	6.40	19
26.80	5.74	.200	6.08	5.35	19
27.00	4.82	.121	4.97	4.64	18
27.10	4.49	.098	4.60	4.31	17
27.20	4.16	.099	4.30	3.99	17
27.30	3.82	.085	3.94	3.67	17
27.40	3.39	.076	3.57	3.32	12
27.50	2.84	.006	2.85	2.84	4
27.60	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
31.216	.0322	31.239	31.193	2
31.331	.0390	31.372	31.280	4
31.469	.0632	31.535	31.403	5
31.539	.1125	31.669	31.384	7
31.718	.0865	31.893	31.560	11
31.837	.0711	31.990	31.715	12
31.968	.0842	32.170	31.852	16
32.081	.0747	32.220	31.944	17
32.196	.0723	32.348	32.024	18
32.304	.0651	32.407	32.139	19
32.435	.0705	32.518	32.266	19
32.598	.0807	32.727	32.468	19
32.795	.0918	32.950	32.661	19
33.025	.0769	33.168	32.917	19
33.257	.0672	33.381	33.159	19
33.496	.0556	33.608	33.381	19
33.716	.0414	33.774	33.608	19
33.899	.0279	33.936	33.830	19
33.979	.0309	34.033	33.919	19
34.095	.0176	34.117	34.069	18
34.175	.0143	34.190	34.150	17
34.256	.0140	34.274	34.233	17
34.337	.0114	34.353	34.319	17
34.411	.0102	34.432	34.402	12
34.473	.0074	34.474	34.472	4
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	6	5.7	10	2	2
23.40	11	3.7	15	7	4
23.60	14	3.0	18	10	5
23.80	17	2.7	21	13	7
24.00	17	5.0	23	6	11
24.20	24	6.6	36	13	12
24.40	24	9.0	38	4	16
24.60	27	9.2	42	3	17
24.80	32	10.4	46	6	18
25.00	38	12.8	59	11	19
25.20	47	17.4	82	15	19
25.40	58	17.0	90	22	19
25.60	71	13.6	97	46	19
25.80	82	12.3	106	63	19
26.00	95	11.1	116	78	19
26.20	109	11.7	130	87	19
26.40	133	14.0	165	109	19
26.60	181	13.2	206	147	19
26.80	293	17.2	318	257	19
27.00	470	18.7	500	434	18
27.10	577	27.3	634	533	17
27.20	704	33.0	777	640	17
27.30	856	33.6	906	795	17
27.40	1045	31.9	1087	968	12
27.50	1275	10.7	1290	1266	4
27.60	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
468.4	.13	468.5	468.3	2
449.4	.12	449.5	449.3	4
430.3	.11	430.5	430.2	5
411.3	.13	411.4	411.1	7
392.2	.15	392.4	391.9	11
373.5	.15	373.5	373.0	12
354.2	.16	354.5	353.9	16
335.2	.17	335.5	334.8	17
316.2	.18	316.5	315.8	18
297.3	.25	297.7	296.8	19
278.4	.30	279.0	277.9	19
259.5	.29	260.1	258.9	19
240.6	.25	241.2	240.3	19
221.8	.22	222.3	221.5	19
203.0	.21	203.5	202.7	19
184.2	.23	184.7	183.8	19
165.6	.23	166.1	165.2	19
147.2	.19	147.5	146.8	19
129.3	.19	129.6	129.0	19
111.6	.26	112.0	111.2	18
102.9	.33	103.6	102.5	17
94.2	.35	94.9	93.8	17
85.5	.33	86.2	85.1	17
76.6	.27	77.1	76.3	12
67.4	.10	67.5	67.3	4
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	14.31	.071	14.36	14.26	2
23.40	13.82	.092	13.90	13.69	4
23.60	13.34	.225	13.62	13.11	5
23.80	12.57	.389	13.03	11.99	7
24.00	12.27	.381	13.05	11.69	11
24.20	11.67	.282	12.12	11.18	12
24.40	11.16	.339	12.04	10.70	16
24.60	10.49	.334	11.21	9.82	17
24.80	9.85	.339	10.59	9.03	18
25.00	9.15	.336	9.68	8.35	19
25.20	8.52	.355	8.89	7.64	19
25.40	8.04	.430	8.75	7.30	19
25.60	7.72	.499	8.59	6.95	19
25.80	7.60	.417	8.38	7.01	19
26.00	7.46	.366	8.16	6.94	19
26.20	7.39	.310	8.01	6.73	19
26.40	7.20	.236	7.52	6.58	19
26.60	6.79	.164	7.01	6.38	19
26.80	5.72	.201	6.05	5.32	19
27.00	4.79	.117	4.93	4.61	18
27.10	4.45	.097	4.55	4.27	17
27.20	4.10	.098	4.24	3.94	17
27.30	3.75	.085	3.87	3.61	17
27.40	3.31	.077	3.50	3.25	12
27.50	2.75	.006	2.76	2.75	4
27.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
465.4	3.75	468.1	462.8	2
447.6	1.56	448.8	445.3	4
428.3	2.28	429.9	424.3	5
409.0	2.55	410.9	404.6	7
390.4	2.17	391.8	384.4	11
370.9	1.80	372.6	367.5	12
352.7	1.84	353.7	346.0	16
333.2	1.97	334.7	327.3	17
314.4	1.81	315.6	309.1	18
295.8	1.47	296.6	291.0	19
276.8	1.07	277.5	274.2	19
258.1	.92	258.5	254.6	19
239.1	.65	239.5	237.3	19
220.2	.46	220.5	218.6	19
201.1	.46	201.5	200.0	19
182.3	.13	182.4	182.0	19
163.4	.08	163.4	163.1	19
144.4	.02	144.4	144.3	19
125.3	.08	125.3	125.0	19
106.2	.08	106.3	106.0	18
86.7	.06	86.7	86.5	17
67.2	.05	67.2	67.1	17
47.6	.04	47.7	47.5	17
28.0	.10	28.1	27.8	12
8.4	.10	8.5	8.3	4
n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	.290	.2687	.480	.100	2
23.40	.493	.1803	.720	.320	4
23.60	.638	.1521	.850	.440	5
23.80	.761	.1252	.950	.550	7
24.00	.742	.2256	1.010	.350	11
24.20	.992	.2566	1.430	.500	12
24.40	.963	.3674	1.500	.160	16
24.60	1.070	.3798	1.620	.110	17
24.80	1.211	.4335	1.760	.180	18
25.00	1.377	.5069	2.160	.350	19
25.20	1.645	.6251	2.830	.460	19
25.40	1.939	.6138	3.060	.660	19
25.60	2.278	.5202	3.240	1.260	19
25.80	2.535	.4649	3.430	1.760	19
26.00	2.798	.4346	3.660	2.090	19
26.20	3.085	.4333	3.910	2.340	19
26.40	3.500	.4749	4.420	2.580	19
26.60	4.238	.4588	5.050	3.170	19
26.80	5.798	.3806	6.340	4.690	19
27.00	7.953	.4571	8.620	6.890	18
27.10	9.108	.5405	9.870	7.920	17
27.20	10.364	.5986	11.420	9.130	17
27.30	11.745	.6074	12.600	10.420	17
27.40	13.350	.5513	14.040	12.050	12
27.50	15.047	.1245	15.160	14.870	4
27.60	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
.01	.021	.03	.00	2
.03	.022	.06	.01	4
.05	.022	.08	.02	5
.07	.020	.10	.04	7
.07	.033	.11	.01	11
.13	.067	.26	.03	12
.13	.082	.29	.00	16
.16	.088	.34	.00	17
.21	.118	.40	.01	18
.28	.162	.61	.02	19
.41	.274	1.09	.03	19
.57	.314	1.30	.07	19
.78	.309	1.47	.28	19
.98	.312	1.67	.56	19
1.22	.323	1.93	.79	19
1.52	.353	2.24	.94	19
2.04	.460	3.11	1.31	19
3.22	.522	4.31	2.08	19
5.01	.740	8.09	3.22	19
15.32	1.234	17.46	13.02	18
21.58	2.034	25.59	18.23	17
29.86	2.800	35.99	24.72	17
40.91	3.339	46.14	35.02	17
56.09	3.565	60.94	47.83	12
75.53	.766	76.48	74.66	4
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	12.599	.3762	12.865	12.333	2
23.40	12.452	.2473	12.646	12.096	4
23.60	12.259	.1715	12.405	11.968	5
23.80	12.171	.1911	12.482	11.867	7
24.00	12.273	.3638	12.792	11.802	10
24.20	12.034	.1758	12.311	11.741	11
24.40	11.959	.1752	12.270	11.660	15
24.60	11.847	.2918	12.696	11.498	16
24.80	11.644	.2462	12.071	11.253	16
25.00	11.433	.2649	11.868	11.017	16
25.20	11.171	.3319	11.720	10.660	16
25.40	10.879	.3002	11.493	10.423	16
25.60	10.553	.2032	10.910	10.244	16
25.80	10.310	.1677	10.568	10.026	16
26.00	10.055	.1651	10.248	9.747	16
26.20	9.756	.1661	10.021	9.417	16
26.40	9.336	.1748	9.561	8.894	16
26.60	8.597	.1529	8.829	8.259	16
26.80	7.036	.1692	7.395	6.776	16
27.00	4.917	.1225	5.117	4.678	16
27.10	3.735	.1923	4.048	3.307	16
27.20	2.476	.2505	2.988	1.898	16
27.30	1.091	.2499	1.590	.714	16
27.40	-0.427	.2536	.175	-0.769	12
27.50	-2.100	.0644	-2.052	-2.192	4
27.60	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
12.888	.1096	12.966	12.811	2
12.930	.0990	13.013	12.786	4
12.863	.1305	12.988	12.693	5
12.881	.1993	13.258	12.671	7
13.001	.2997	13.469	12.645	10
12.942	.2802	13.406	12.614	11
12.814	.3018	13.335	12.228	15
12.765	.2810	13.262	12.195	16
12.708	.2717	13.183	12.150	16
12.638	.2613	13.086	12.097	16
12.553	.2469	12.951	12.038	16
12.450	.2297	12.786	11.958	16
12.323	.2132	12.609	11.858	16
12.174	.1967	12.434	11.742	16
12.006	.1797	12.242	11.613	16
11.812	.1658	12.045	11.455	16
11.584	.1492	11.814	11.280	16
11.298	.1353	11.520	11.033	16
10.878	.1236	11.084	10.638	16
10.211	.1132	10.413	9.989	16
9.750	.0993	9.933	9.562	16
9.187	.0784	9.336	9.045	16
8.503	.0505	8.593	8.420	16
7.655	.0210	7.694	7.632	12
6.573	.0211	6.602	6.553	4
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	6.80	n/a	n/a	n/a	1
23.60	6.93	n/a	n/a	n/a	1
23.80	7.03	n/a	n/a	n/a	1
24.00	7.07	n/a	n/a	n/a	1
24.20	6.91	n/a	n/a	n/a	1
24.40	6.77	n/a	n/a	n/a	1
24.60	6.46	n/a	n/a	n/a	1
24.80	6.01	n/a	n/a	n/a	1
25.00	5.64	n/a	n/a	n/a	1
25.20	5.28	n/a	n/a	n/a	1
25.40	4.96	n/a	n/a	n/a	1
25.60	4.68	n/a	n/a	n/a	1
25.80	4.40	n/a	n/a	n/a	1
26.00	4.11	n/a	n/a	n/a	1
26.20	3.83	n/a	n/a	n/a	1
26.40	3.46	n/a	n/a	n/a	1
26.60	3.00	n/a	n/a	n/a	1
26.80	2.12	n/a	n/a	n/a	1
27.00	1.00	n/a	n/a	n/a	1
27.10	.51	n/a	n/a	n/a	1
27.20	.43	n/a	n/a	n/a	1
27.30	.42	n/a	n/a	n/a	1
27.40	.41	n/a	n/a	n/a	1
27.50	.48	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
1501	.7	1501	1500	2
1499	.0	1499	1499	4
1498	.8	1499	1497	5
1495	1.5	1497	1493	7
1494	1.4	1497	1492	11
1493	1.1	1495	1491	12
1491	1.3	1494	1489	16
1489	1.5	1492	1486	17
1487	1.5	1490	1483	18
1484	1.3	1486	1481	19
1482	1.6	1484	1478	19
1481	1.9	1484	1478	19
1480	2.2	1484	1477	19
1480	1.9	1484	1478	19
1480	1.5	1483	1478	19
1480	1.4	1483	1478	19
1480	1.1	1482	1478	19
1480	.8	1481	1478	19
1478	.9	1479	1476	19
1477	.7	1478	1476	18
1477	.7	1479	1476	17
1478	.9	1480	1477	17
1479	.7	1481	1478	17
1481	.7	1482	1480	12
1482	.5	1483	1482	4
n/a	n/a	n/a	n/a	0

STATION MP84 J U L Y 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	14.57	n/a	n/a	n/a	1
23.20	14.10	n/a	n/a	n/a	1
23.40	13.73	n/a	n/a	n/a	1
23.60	13.24	n/a	n/a	n/a	1
23.80	13.52	1.421	14.51	12.51	2
24.00	13.20	.714	13.73	11.85	6
24.20	12.47	.620	13.50	11.26	13
24.40	11.71	.561	12.73	10.73	14
24.60	11.08	.457	12.00	10.24	16
24.80	10.35	.376	11.01	9.79	16
25.00	9.59	.351	10.27	9.24	16
25.20	8.79	.394	9.40	8.45	16
25.40	8.16	.352	8.71	7.50	16
25.60	7.95	.442	8.77	7.12	16
25.80	7.85	.476	8.57	6.93	16
26.00	7.73	.391	8.34	7.12	16
26.20	7.60	.333	8.15	6.93	16
26.40	7.41	.265	7.81	6.73	16
26.60	6.90	.167	7.12	6.48	16
26.80	5.84	.142	6.15	5.57	16
27.00	4.90	.108	5.17	4.78	15
27.10	4.53	.111	4.79	4.41	15
27.20	4.17	.124	4.47	4.03	15
27.30	3.81	.144	4.17	3.69	14
27.40	3.44	.209	3.87	3.31	11
27.50	3.17	.481	3.51	2.83	2
27.60	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
31.001	n/a	n/a	n/a	1
31.180	n/a	n/a	n/a	1
31.322	n/a	n/a	n/a	1
31.463	n/a	n/a	n/a	1
31.825	.2815	32.024	31.626	2
31.970	.1226	32.072	31.771	6
32.037	.1346	32.284	31.791	13
32.111	.1226	32.340	31.958	14
32.222	.1003	32.410	32.035	16
32.312	.0857	32.438	32.185	16
32.398	.0745	32.527	32.316	16
32.486	.0548	32.600	32.416	16
32.617	.0668	32.717	32.491	16
32.836	.0804	32.984	32.679	16
33.072	.0859	33.207	32.903	16
33.305	.0712	33.417	33.191	16
33.534	.0596	33.632	33.413	16
33.753	.0477	33.824	33.630	16
33.915	.0286	33.954	33.844	16
33.995	.0227	34.043	33.952	16
34.106	.0160	34.145	34.088	15
34.180	.0154	34.217	34.163	15
34.257	.0163	34.298	34.239	15
34.337	.0190	34.383	34.321	14
34.417	.0256	34.470	34.400	11
34.510	.0565	34.550	34.470	2
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	5	n/a	n/a	n/a	1
23.20	7	n/a	n/a	n/a	1
23.40	9	n/a	n/a	n/a	1
23.60	11	n/a	n/a	n/a	1
23.80	12	.7	12	11	2
24.00	16	7.2	30	11	6
24.20	18	7.4	34	7	13
24.40	22	8.2	37	8	14
24.60	26	10.1	40	7	16
24.80	33	11.5	51	13	16
25.00	39	13.3	60	17	16
25.20	49	16.2	72	22	16
25.40	64	19.8	94	30	16
25.60	76	19.2	107	40	16
25.80	86	17.9	116	56	16
26.00	98	17.0	128	70	16
26.20	111	15.9	139	84	16
26.40	134	16.5	166	99	16
26.60	185	23.6	217	126	16
26.80	300	33.7	341	232	16
27.00	479	37.4	542	409	15
27.10	589	38.1	654	533	15
27.20	710	42.3	770	625	15
27.30	848	51.2	906	735	14
27.40	1024	77.3	1083	863	11
27.50	1142	153.4	1250	1033	2
27.60	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
487.5	n/a	n/a	n/a	1
468.3	n/a	n/a	n/a	1
449.3	n/a	n/a	n/a	1
430.2	n/a	n/a	n/a	1
411.0	.43	411.3	410.7	2
392.1	.40	392.6	391.4	6
373.1	.30	373.4	372.2	13
354.2	.32	354.5	353.2	14
335.2	.29	335.5	334.4	16
316.2	.28	316.7	315.7	16
297.3	.28	297.7	296.9	16
278.4	.28	278.8	278.0	16
259.6	.32	260.1	259.1	16
240.8	.36	241.3	240.2	16
221.9	.33	222.4	221.4	16
203.1	.33	203.6	202.6	16
184.3	.30	184.7	183.8	16
165.7	.30	166.1	165.0	16
147.3	.38	147.9	146.4	16
129.4	.42	130.0	128.4	16
111.8	.36	112.3	110.9	15
103.0	.31	103.6	102.4	15
94.2	.28	94.7	93.6	15
85.4	.21	85.7	85.0	14
76.6	.17	76.8	76.3	11
67.3	.28	67.5	67.1	2
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	14.57	n/a	n/a	n/a	1
23.20	14.10	n/a	n/a	n/a	1
23.40	13.73	n/a	n/a	n/a	1
23.60	13.24	n/a	n/a	n/a	1
23.80	13.51	1.421	14.51	12.50	2
24.00	13.20	.714	13.73	11.85	6
24.20	12.47	.617	13.49	11.26	13
24.40	11.71	.562	12.73	10.72	14
24.60	11.07	.459	12.00	10.23	16
24.80	10.34	.375	11.01	9.78	16
25.00	9.58	.350	10.26	9.24	16
25.20	8.78	.392	9.39	8.45	16
25.40	8.15	.350	8.70	7.49	16
25.60	7.94	.440	8.75	7.11	16
25.80	7.84	.475	8.56	6.93	16
26.00	7.72	.390	8.33	7.12	16
26.20	7.59	.332	8.14	6.92	16
26.40	7.40	.266	7.80	6.72	16
26.60	6.88	.165	7.10	6.47	16
26.80	5.81	.141	6.12	5.55	16
27.00	4.86	.109	5.13	4.75	15
27.10	4.49	.114	4.75	4.36	15
27.20	4.11	.127	4.42	3.98	15
27.30	3.75	.146	4.11	3.63	14
27.40	3.36	.216	3.81	3.23	11
27.50	3.09	.488	3.43	2.74	2
27.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
486.3	n/a	n/a	n/a	1
464.0	n/a	n/a	n/a	1
446.4	n/a	n/a	n/a	1
426.8	n/a	n/a	n/a	1
405.8	6.43	410.3	401.2	2
388.9	4.97	391.7	378.9	6
370.4	3.78	372.7	359.1	13
351.5	3.53	353.6	341.5	14
332.4	2.79	334.6	325.6	16
313.7	2.03	315.6	309.1	16
295.4	1.65	296.5	291.0	16
276.9	.97	277.5	273.9	16
258.1	.44	258.5	257.1	16
238.9	.76	239.5	237.1	16
220.0	.47	220.4	218.9	16
201.0	.40	201.4	200.5	16
182.1	.35	182.4	181.4	16
163.3	.11	163.5	163.1	16
144.3	.05	144.4	144.2	16
125.2	.16	125.4	124.9	16
106.2	.09	106.3	106.0	15
96.6	.08	96.7	96.5	15
87.1	.07	87.2	87.0	15
77.6	.05	77.7	77.5	14
68.0	.11	68.1	67.8	11
58.5	.07	58.6	58.5	2
n/a	n/a	n/a	n/a	0

STATION MP04 J U L Y 1956 to 1998

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	.260	n/a	n/a	n/a	1
23.20	.350	n/a	n/a	n/a	1
23.40	.430	n/a	n/a	n/a	1
23.60	.500	n/a	n/a	n/a	1
23.80	.515	.0636	.560	.470	2
24.00	.668	.2843	1.210	.430	3
24.20	.692	.2942	1.330	.370	13
24.40	.868	.3154	1.450	.300	14
24.60	.987	.3620	1.550	.250	16
24.80	1.193	.4232	1.650	.430	16
25.00	1.400	.4785	2.150	.560	16
25.20	1.684	.5596	2.490	.710	16
25.40	2.079	.6183	2.940	.920	16
25.60	2.386	.6222	3.280	1.160	16
25.80	2.628	.5883	3.480	1.540	16
26.00	2.871	.5688	3.740	1.830	16
26.20	3.139	.5416	3.950	2.110	16
26.40	3.538	.5483	4.440	2.370	16
26.60	4.329	.6364	5.080	2.800	16
26.80	5.917	.7072	6.870	4.240	16
27.00	8.127	.7667	9.290	6.380	15
27.10	9.323	.7308	10.320	7.730	15
27.20	10.553	.7356	11.670	9.060	15
27.30	11.731	.7501	12.860	10.370	14
27.40	13.153	.8433	14.130	11.700	11
27.50	13.980	1.0324	14.710	13.250	2
27.60	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.01	n/a	n/a	n/a	1
.01	n/a	n/a	n/a	1
.02	n/a	n/a	n/a	1
.03	n/a	n/a	n/a	1
.03	.000	.03	.03	2
.06	.063	.19	.02	3
.07	.059	.23	.01	13
.11	.074	.27	.01	14
.15	.099	.31	.01	16
.21	.134	.46	.03	16
.30	.180	.63	.05	16
.44	.260	.86	.08	16
.68	.362	1.22	.13	16
.90	.426	1.66	.22	16
1.09	.446	1.89	.40	16
1.32	.475	2.21	.59	16
1.61	.494	2.51	.81	16
2.11	.569	3.27	1.06	16
3.42	.844	4.61	1.55	16
7.37	1.469	9.48	4.17	16
16.14	2.566	20.41	11.17	15
22.70	3.984	27.93	17.69	15
30.72	3.656	36.38	24.23	15
40.64	4.746	46.65	31.13	14
54.55	7.345	61.01	39.74	11
63.37	15.500	74.33	52.41	2
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	12.498	n/a	n/a	n/a	1
23.20	12.412	n/a	n/a	n/a	1
23.40	12.330	n/a	n/a	n/a	1
23.60	12.257	n/a	n/a	n/a	1
23.80	12.562	.5169	12.927	12.196	2
24.00	12.623	.4323	13.350	12.139	6
24.20	12.416	.3931	13.091	11.689	12
24.40	12.190	.4237	12.851	11.406	12
24.60	11.963	.4313	12.673	11.249	14
24.80	11.754	.4418	12.314	11.006	14
25.00	11.546	.4368	12.168	10.795	14
25.20	11.265	.4287	11.866	10.468	14
25.40	10.854	.3703	11.491	10.158	14
25.60	10.541	.3193	11.103	10.008	14
25.80	10.306	.2891	10.817	9.789	14
26.00	10.061	.2746	10.598	9.597	14
26.20	9.784	.2549	10.112	9.281	14
26.40	9.388	.2595	9.672	8.834	14
26.60	8.576	.2942	9.005	8.037	14
26.80	6.964	.2987	7.565	6.565	14
27.00	4.827	.2846	5.424	4.418	14
27.10	3.637	.2646	4.076	3.261	14
27.20	2.453	.2829	2.970	2.106	14
27.30	1.168	.3935	1.982	.715	13
27.40	-0.271	.5844	.932	-0.732	11
27.50	-1.119	1.1717	-0.291	-1.948	2
27.60	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
12.756	n/a	n/a	n/a	1
12.744	n/a	n/a	n/a	1
12.729	n/a	n/a	n/a	1
12.710	n/a	n/a	n/a	1
13.038	.4957	13.389	12.688	2
13.264	.4075	13.776	12.684	6
13.050	.4389	13.746	12.455	12
13.012	.4333	13.694	12.409	12
12.858	.5052	13.626	11.798	14
12.801	.4949	13.543	11.777	14
12.733	.4818	13.444	11.749	14
12.650	.4654	13.320	11.712	14
12.542	.4412	13.173	11.665	14
12.407	.4125	13.005	11.594	14
12.251	.3833	12.814	11.506	14
12.076	.3574	12.602	11.387	14
11.877	.3352	12.367	11.241	14
11.648	.3133	12.105	11.071	14
11.357	.2906	11.800	10.868	14
10.926	.2631	11.372	10.491	14
10.227	.2158	10.628	9.837	14
9.756	.1832	10.095	9.412	14
9.181	.1481	9.458	8.891	14
8.471	.0833	8.544	8.289	13
7.643	.0272	7.669	7.583	11
6.639	.1570	6.750	6.528	2
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	6.13	.198	6.27	5.99	2
24.20	6.47	.320	6.83	6.21	3
24.40	6.39	.265	6.66	6.13	3
24.60	6.30	.146	6.47	6.20	3
24.80	6.24	.125	6.33	6.10	3
25.00	6.51	.082	6.60	6.44	3
25.20	6.15	.114	6.23	6.02	3
25.40	5.90	.110	6.01	5.79	3
25.60	5.40	.118	5.53	5.30	3
25.80	4.81	.196	5.01	4.62	3
26.00	4.31	.261	4.58	4.06	3
26.20	3.88	.280	4.20	3.67	3
26.40	3.31	.131	3.45	3.04	3
26.60	2.84	.035	2.87	2.80	3
26.80	1.75	.040	1.80	1.73	3
27.00	.89	.177	1.09	.77	3
27.10	.64	.229	.90	.49	3
27.20	.46	.165	.64	.32	3
27.30	.41	.106	.48	.33	2
27.40	.39	n/a	n/a	n/a	1
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1501	n/a	n/a	n/a	1
1500	n/a	n/a	n/a	1
1499	n/a	n/a	n/a	1
1497	n/a	n/a	n/a	1
1499	4.9	1502	1495	2
1498	2.7	1500	1493	6
1495	3.3	1499	1491	13
1493	3.3	1497	1489	14
1491	1.3	1495	1488	16
1489	1.3	1491	1486	16
1486	1.5	1489	1485	16
1483	1.4	1486	1482	16
1482	1.7	1484	1478	16
1481	2.1	1485	1477	16
1481	2.1	1485	1477	16
1481	1.8	1484	1478	16
1481	1.8	1484	1478	16
1481	1.3	1483	1478	16
1480	.8	1481	1478	16
1478	.9	1479	1476	16
1477	.7	1478	1476	15
1478	.6	1478	1476	13
1478	.5	1479	1477	15
1479	.5	1480	1478	14
1481	.5	1481	1480	11
1482	.7	1482	1481	2
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	16.53	.195	16.74	16.28	4
23.40	15.96	.267	16.33	15.44	8
23.60	15.17	.348	15.73	14.62	11
23.80	14.53	.442	15.28	13.85	18
24.00	13.80	.445	14.77	13.11	23
24.20	12.97	.431	13.90	12.17	27
24.40	12.14	.451	12.94	11.12	30
24.60	11.32	.468	12.03	10.03	31
24.80	10.55	.477	11.30	8.92	34
25.00	9.69	.436	10.42	8.30	34
25.20	8.87	.432	9.50	7.73	34
25.40	8.29	.488	9.26	7.17	34
25.60	7.96	.519	9.00	7.03	34
25.80	7.76	.467	8.53	6.98	34
26.00	7.60	.406	8.20	6.97	34
26.20	7.50	.288	8.02	6.92	34
26.40	7.34	.243	7.77	6.73	34
26.60	6.89	.162	7.14	6.36	34
26.80	5.84	.178	6.09	5.44	34
27.00	4.90	.117	5.15	4.63	30
27.10	4.52	.092	4.73	4.34	30
27.20	4.18	.068	4.32	4.05	29
27.30	3.79	.094	3.95	3.60	28
27.40	3.38	.062	3.52	3.26	23
27.50	2.89	.031	2.92	2.86	3
27.60	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
31.812	.0610	31.872	31.732	4
31.919	.0813	32.022	31.757	8
31.978	.0894	32.114	31.836	11
32.054	.1130	32.234	31.908	18
32.109	.1153	32.349	31.930	23
32.155	.1104	32.374	31.930	27
32.213	.1109	32.402	31.948	30
32.271	.1093	32.447	31.960	31
32.345	.1047	32.503	31.995	34
32.418	.0901	32.564	32.145	34
32.500	.0846	32.626	32.281	34
32.649	.0954	32.835	32.436	34
32.837	.0980	33.031	32.667	34
33.056	.0874	33.206	32.912	34
33.281	.0752	33.402	33.163	34
33.516	.0528	33.613	33.409	34
33.739	.0434	33.817	33.632	34
33.913	.0279	33.956	33.824	34
33.995	.0279	34.033	33.931	34
34.106	.0171	34.142	34.067	30
34.179	.0128	34.209	34.153	30
34.259	.0079	34.277	34.242	29
34.334	.0122	34.355	34.310	28
34.410	.0067	34.426	34.397	23
34.477	.0000	34.480	34.473	3
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	10	5.6	18	5	4
23.40	16	8.2	26	0	8
23.60	16	7.8	27	2	11
23.80	17	7.7	29	3	18
24.00	18	7.5	31	5	23
24.20	20	7.6	35	4	27
24.40	23	7.8	38	8	30
24.60	26	8.2	42	12	31
24.80	29	9.7	47	1	34
25.00	36	10.7	62	17	34
25.20	47	13.5	80	27	34
25.40	59	14.6	92	35	34
25.60	71	13.8	100	46	34
25.80	83	13.5	111	57	34
26.00	95	12.9	122	68	34
26.20	110	12.8	135	79	34
26.40	134	13.8	160	105	34
26.60	185	19.3	218	140	34
26.80	309	32.2	375	228	34
27.00	488	35.0	565	393	30
27.10	595	30.7	657	505	30
27.20	724	26.4	765	667	29
27.30	874	33.1	945	796	28
27.40	1058	32.9	1117	978	23
27.50	1279	23.5	1306	1263	3
27.60	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
468.5	.16	468.8	468.4	4
449.5	.22	449.7	449.2	8
430.4	.24	430.7	430.0	11
411.3	.23	411.7	411.0	18
392.3	.21	392.7	392.1	23
373.2	.18	373.6	372.9	27
354.2	.19	354.6	353.8	30
335.2	.17	335.6	334.8	31
316.2	.18	316.6	315.7	34
297.3	.20	297.8	297.0	34
278.4	.25	279.0	278.0	34
259.5	.27	260.2	259.1	34
240.7	.27	241.4	240.3	34
221.8	.26	222.4	221.4	34
203.0	.27	203.6	202.5	34
184.3	.24	184.8	183.7	34
165.7	.26	166.2	165.1	34
147.3	.31	147.9	146.5	34
129.5	.43	130.4	128.3	34
111.9	.40	112.6	110.7	30
103.1	.34	103.6	102.0	30
94.4	.25	94.9	93.7	29
85.6	.23	85.9	84.8	28
76.7	.19	77.1	76.2	23
67.5	.06	67.5	67.4	3
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	16.53	.195	16.74	16.28	4
23.40	15.96	.268	16.33	15.44	8
23.60	15.17	.346	15.73	14.62	11
23.80	14.53	.439	15.27	13.85	18
24.00	13.80	.445	14.77	13.11	23
24.20	12.97	.431	13.90	12.16	27
24.40	12.14	.450	12.93	11.12	30
24.60	11.32	.470	12.03	10.02	31
24.80	10.54	.477	11.29	8.92	34
25.00	9.68	.437	10.42	8.29	34
25.20	8.86	.431	9.50	7.73	34
25.40	8.29	.487	9.25	7.17	34
25.60	7.95	.518	8.99	7.03	34
25.80	7.75	.467	8.52	6.97	34
26.00	7.59	.405	8.19	6.96	34
26.20	7.49	.288	8.01	6.91	34
26.40	7.33	.242	7.76	6.72	34
26.60	6.87	.161	7.12	6.35	34
26.80	5.81	.177	6.06	5.41	34
27.00	4.86	.117	5.11	4.59	30
27.10	4.47	.091	4.68	4.29	30
27.20	4.12	.067	4.26	3.99	29
27.30	3.72	.095	3.88	3.53	28
27.40	3.30	.063	3.44	3.18	23
27.50	2.79	.030	2.82	2.76	3
27.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
467.9	.42	468.3	467.3	4
447.7	2.35	449.2	442.1	8
427.1	2.95	429.6	421.2	11
408.4	2.94	410.7	400.8	18
390.0	1.72	391.8	385.7	23
370.9	1.93	372.8	365.9	27
351.6	2.02	353.7	345.5	30
332.9	1.70	334.6	327.6	31
314.6	1.76	315.6	307.9	34
295.4	1.57	296.6	289.2	34
277.0	.84	277.5	275.3	34
257.7	.87	258.5	255.5	34
239.0	.65	239.5	237.2	34
220.0	.53	220.5	218.8	34
201.0	.52	201.5	199.7	34
182.1	.28	182.5	181.2	34
163.3	.12	163.4	162.9	34
144.4	.04	144.4	144.3	34
125.2	.11	125.4	124.9	34
106.1	.11	106.3	105.9	30
96.6	.08	96.8	96.4	30
87.1	.06	87.2	87.0	29
77.6	.06	77.7	77.5	28
68.0	.10	68.1	67.7	23
58.5	.00	58.5	58.5	3
n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	.500	.2639	.870	.260	4
23.40	.733	.3861	1.240	.000	8
23.60	.747	.3692	1.290	.110	11
23.80	.734	.3608	1.350	.130	18
24.00	.771	.3548	1.410	.200	23
24.20	.847	.3586	1.550	.140	27
24.40	.928	.3644	1.670	.290	30
24.60	1.032	.3756	1.790	.410	31
24.80	1.112	.4187	1.950	.030	34
25.00	1.346	.4501	2.410	.530	34
25.20	1.646	.5331	2.870	.930	34
25.40	1.967	.5513	3.220	1.190	34
25.60	2.290	.5279	3.450	1.420	34
25.80	2.559	.5206	3.700	1.720	34
26.00	2.810	.5092	3.940	1.950	34
26.20	3.100	.5001	4.190	2.170	34
26.40	3.527	.5158	4.630	2.590	34
26.60	4.318	.5644	5.530	3.170	34
26.80	6.040	.7061	7.640	4.380	34
27.00	8.219	.7584	9.820	6.360	30
27.10	9.380	.6972	10.870	7.570	30
27.20	10.665	.6314	12.050	9.150	29
27.30	11.993	.6284	12.990	10.310	28
27.40	13.490	.6392	14.420	11.800	23
27.50	15.290	.7049	16.090	14.760	3
27.60	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
.03	.031	.08	.01	4
.07	.052	.16	.00	8
.08	.060	.18	.00	11
.08	.061	.20	.00	18
.08	.065	.22	.01	23
.10	.073	.27	.00	27
.12	.081	.31	.01	30
.15	.092	.36	.03	31
.18	.108	.44	.00	34
.26	.154	.69	.05	34
.39	.244	1.04	.12	34
.57	.298	1.35	.19	34
.78	.318	1.53	.31	34
.99	.351	1.80	.45	34
1.22	.374	2.08	.59	34
1.53	.398	2.42	.76	34
2.06	.471	3.07	1.19	34
3.36	.706	4.81	1.86	34
7.75	1.592	11.22	4.14	34
16.63	2.467	22.41	10.44	30
23.07	2.559	28.72	15.99	30
31.71	2.539	36.31	25.54	29
42.87	3.279	48.70	34.25	28
57.74	3.678	63.33	47.76	23
77.35	3.216	80.83	74.49	3
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	13.201	.2702	13.465	12.925	3
23.40	12.860	.1956	13.119	12.591	6
23.60	12.582	.3400	13.029	11.785	9
23.80	12.462	.3123	12.943	11.630	16
24.00	12.330	.2937	12.862	11.525	20
24.20	12.220	.2887	12.778	11.434	23
24.40	12.103	.2751	12.665	11.356	26
24.60	11.989	.2627	12.559	11.283	27
24.80	11.853	.2492	12.459	11.186	28
25.00	11.603	.2068	12.021	11.072	28
25.20	11.307	.2198	11.733	10.850	28
25.40	11.005	.2234	11.554	10.518	28
25.60	10.691	.1992	11.232	10.330	28
25.80	10.422	.2091	10.962	10.004	28
26.00	10.167	.1893	10.634	9.759	28
26.20	9.884	.1745	10.258	9.549	28
26.40	9.460	.1731	9.763	9.183	28
26.60	8.692	.1563	8.957	8.423	28
26.80	7.015	.2808	7.585	6.348	28
27.00	4.797	.3121	5.532	4.020	28
27.10	3.630	.2646	4.326	3.016	28
27.20	2.347	.2072	2.738	2.011	28
27.30	.968	.2655	1.579	.395	28
27.40	-0.536	.2627	-.096	-0.989	23
27.50	-2.138	.1857	-2.024	-2.352	3
27.60	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
13.573	.2348	13.721	13.302	3
13.528	.3064	13.794	13.024	6
13.238	.5789	13.752	11.892	9
13.110	.4416	13.702	11.883	16
13.020	.4211	13.646	11.869	20
12.958	.3887	13.582	11.850	23
12.884	.3722	13.513	11.826	26
12.834	.3559	13.458	11.799	27
12.760	.3586	13.405	11.768	28
12.699	.3456	13.348	11.729	28
12.620	.3276	13.247	11.681	28
12.521	.3061	13.102	11.619	28
12.399	.2851	12.937	11.542	28
12.254	.2656	12.755	11.443	28
12.087	.2473	12.552	11.325	28
11.897	.2302	12.329	11.187	28
11.674	.2136	12.084	11.013	28
11.391	.1948	11.768	10.787	28
10.970	.1622	11.276	10.470	28
10.276	.1144	10.438	9.913	28
9.799	.0874	9.929	9.523	28
9.225	.0645	9.324	9.039	28
8.517	.0391	8.585	8.389	28
7.660	.0166	7.692	7.623	23
6.581	.0367	6.623	6.559	3
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	5.98	n/a	n/a	n/a	1
23.40	6.06	.226	6.22	5.90	2
23.60	6.24	.255	6.42	6.06	5
23.80	6.45	.231	6.59	6.18	3
24.00	6.59	.289	6.77	6.26	3
24.20	6.61	.221	6.89	6.35	4
24.40	6.54	.318	7.02	6.36	4
24.60	6.50	.446	7.13	6.18	4
24.80	6.45	.573	7.23	6.01	4
25.00	6.12	.251	6.50	5.85	5
25.20	5.93	.169	6.15	5.74	5
25.40	5.69	.403	6.29	5.40	5
25.60	5.19	.308	5.70	4.95	5
25.80	4.67	.251	5.10	4.47	5
26.00	4.22	.263	4.63	3.99	5
26.20	3.91	.368	4.34	3.52	5
26.40	3.48	.400	3.87	2.95	5
26.60	3.05	.401	3.67	2.55	5
26.80	1.82	.132	1.95	1.63	5
27.00	.78	.040	.83	.72	5
27.10	.53	.018	.55	.50	5
27.20	.33	.043	.38	.28	4
27.30	.28	.054	.34	.21	4
27.40	.36	.080	.44	.28	3
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
1509	.6	1509	1508	4
1507	.9	1508	1505	8
1505	1.4	1507	1502	11
1503	1.6	1505	1500	18
1500	1.6	1504	1498	23
1497	1.7	1501	1495	27
1495	1.7	1498	1491	30
1492	1.9	1495	1487	31
1489	1.9	1492	1483	34
1487	1.7	1489	1481	34
1484	1.9	1487	1479	34
1482	2.1	1486	1477	34
1481	2.4	1486	1477	34
1481	2.0	1484	1477	34
1481	1.8	1483	1478	34
1481	1.4	1483	1478	34
1481	1.2	1483	1478	34
1480	.9	1482	1477	34
1478	1.0	1480	1475	34
1477	.8	1479	1475	30
1478	.7	1479	1476	30
1479	.6	1480	1477	29
1479	.6	1480	1478	28
1481	.5	1482	1480	23
1483	.6	1483	1482	3
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	16.34	2.093	17.82	14.86	2
23.20	14.78	2.225	17.01	12.56	3
23.40	15.07	1.983	16.60	11.75	5
23.60	14.65	1.459	15.87	11.25	8
23.80	14.00	1.219	15.24	10.89	16
24.00	13.37	1.082	14.95	10.60	21
24.20	12.69	.919	14.39	10.06	25
24.40	11.94	.801	13.49	9.61	25
24.60	11.21	.677	12.65	9.33	26
24.80	10.48	.567	11.73	9.13	27
25.00	9.70	.468	10.69	8.90	28
25.20	8.89	.408	9.70	7.97	28
25.40	8.20	.493	9.18	7.28	28
25.60	7.78	.523	8.57	6.64	28
25.80	7.63	.437	8.26	6.88	28
26.00	7.56	.321	8.21	7.00	28
26.20	7.49	.263	7.97	6.97	28
26.40	7.34	.236	7.75	6.91	28
26.60	6.84	.189	7.10	6.24	28
26.80	5.81	.186	6.00	5.17	28
27.00	4.90	.165	5.15	4.35	28
27.10	4.52	.116	4.76	4.29	28
27.20	4.18	.093	4.32	3.97	28
27.30	3.80	.065	3.92	3.69	28
27.40	3.38	.057	3.49	3.28	24
27.50	2.88	.092	2.99	2.79	4
27.60	2.51	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
31.584	.5360	31.963	31.205	2
31.539	.4568	31.971	31.061	3
31.814	.3360	32.091	31.249	5
31.894	.2390	32.140	31.366	8
31.939	.2573	32.220	31.248	16
32.019	.2410	32.403	31.367	21
32.103	.2141	32.515	31.489	25
32.178	.1863	32.549	31.623	25
32.255	.1528	32.582	31.854	26
32.340	.1205	32.607	32.032	27
32.419	.0969	32.623	32.243	28
32.508	.0827	32.663	32.321	28
32.631	.0994	32.810	32.453	28
32.804	.1009	32.956	32.599	28
33.030	.0811	33.160	32.893	28
33.271	.0594	33.390	33.173	28
33.512	.0483	33.604	33.418	28
33.739	.0426	33.812	33.663	28
33.905	.0322	33.949	33.804	28
33.990	.0293	34.024	33.892	28
34.106	.0240	34.142	34.028	28
34.179	.0166	34.213	34.147	28
34.259	.0124	34.279	34.231	28
34.336	.0089	34.351	34.322	28
34.409	.0057	34.423	34.398	24
34.477	.0078	34.489	34.469	4
34.560	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	8	9.2	14	1	2
23.20	8	11.0	21	1	3
23.40	8	9.1	24	2	5
23.60	12	9.3	28	2	8
23.80	15	8.5	31	3	16
24.00	19	7.7	34	7	21
24.20	21	8.6	37	9	25
24.40	24	8.5	41	12	25
24.60	27	8.6	44	16	26
24.80	31	8.8	48	18	27
25.00	36	9.2	51	19	28
25.20	44	11.6	74	23	28
25.40	57	14.2	86	28	28
25.60	72	14.0	104	45	28
25.80	85	14.2	112	49	28
26.00	99	14.4	126	65	28
26.20	116	13.7	137	85	28
26.40	140	13.9	162	110	28
26.60	193	17.8	236	162	28
26.80	317	21.4	361	266	28
27.00	505	32.7	549	419	28
27.10	611	36.9	658	508	28
27.20	731	36.3	791	630	28
27.30	876	39.1	953	793	28
27.40	1050	45.1	1116	942	24
27.50	1244	56.2	1305	1193	4
27.60	1500	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
487.5	.36	487.8	487.3	2
468.3	.43	468.8	468.0	3
449.2	.37	449.7	448.7	5
430.3	.39	430.7	429.5	8
411.3	.29	411.7	410.5	16
392.3	.25	392.6	391.6	21
373.2	.25	373.7	372.8	25
354.2	.23	354.6	353.8	25
335.2	.24	335.6	334.7	26
316.2	.21	316.6	315.7	27
297.3	.20	297.6	296.8	28
278.3	.23	278.9	277.9	28
259.5	.24	260.0	258.9	28
240.6	.23	241.2	240.1	28
221.8	.20	222.2	221.3	28
203.1	.18	203.4	202.6	28
184.4	.19	184.6	183.9	28
165.7	.22	166.2	165.3	28
147.4	.24	148.0	147.0	28
129.6	.33	130.2	128.8	28
112.1	.47	112.6	110.8	28
103.2	.41	103.8	102.2	28
94.4	.33	95.0	93.6	28
85.6	.28	86.2	85.0	28
76.6	.28	77.1	76.0	24
67.2	.13	67.4	67.1	4
58.2	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	16.33	2.086	17.81	14.86	2
23.20	14.78	2.225	17.01	12.56	3
23.40	15.07	1.983	16.60	11.75	5
23.60	14.65	1.459	15.87	11.25	8
23.80	14.00	1.218	15.24	10.89	16
24.00	13.37	1.080	14.94	10.60	21
24.20	12.69	.919	14.39	10.06	25
24.40	11.94	.800	13.49	9.61	25
24.60	11.21	.676	12.64	9.33	26
24.80	10.47	.567	11.73	9.13	27
25.00	9.69	.468	10.69	8.90	28
25.20	8.89	.408	9.70	7.96	28
25.40	8.20	.491	9.17	7.28	28
25.60	7.77	.525	8.57	6.63	28
25.80	7.62	.436	8.25	6.87	28
26.00	7.55	.321	8.20	6.99	28
26.20	7.48	.263	7.96	6.96	28
26.40	7.33	.238	7.74	6.90	28
26.60	6.82	.190	7.08	6.22	28
26.80	5.78	.184	5.97	5.15	28
27.00	4.86	.164	5.11	4.31	28
27.10	4.47	.116	4.71	4.25	28
27.20	4.12	.094	4.27	3.91	28
27.30	3.74	.066	3.86	3.62	28
27.40	3.30	.060	3.42	3.20	24
27.50	2.79	.096	2.91	2.70	4
27.60	2.40	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
481.4	6.01	485.6	477.1	2
452.8	12.39	466.9	443.8	3
438.4	14.43	449.1	415.7	5
423.5	10.75	429.8	398.5	8
407.1	6.22	411.0	386.2	16
389.0	3.48	391.8	376.6	21
369.9	2.78	372.8	361.8	25
350.7	3.18	353.7	342.6	25
332.4	2.94	334.7	323.7	26
313.9	2.17	315.6	305.3	27
295.6	1.76	296.6	288.3	28
276.8	1.26	277.5	272.3	28
257.8	1.23	258.5	252.7	28
239.0	.93	239.5	235.4	28
220.1	.50	220.5	218.7	28
201.1	.37	201.4	200.1	28
182.2	.24	182.4	181.6	28
163.3	.13	163.4	163.0	28
144.3	.04	144.4	144.3	28
125.2	.18	125.3	124.7	28
106.1	.10	106.3	106.0	28
96.6	.09	96.8	96.5	28
87.1	.06	87.2	87.0	28
77.6	.05	77.7	77.5	28
68.0	.12	68.1	67.7	24
58.5	.13	58.6	58.3	4
49.0	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	.355	.4596	.680	.030	2
23.20	.407	.5417	1.030	.050	3
23.40	.378	.4588	1.190	.090	5
23.60	.545	.4441	1.340	.090	8
23.80	.679	.3847	1.480	.140	16
24.00	.817	.3489	1.610	.270	21
24.20	.880	.3810	1.730	.350	25
24.40	.991	.3673	1.850	.480	25
24.60	1.085	.3706	1.960	.580	26
24.80	1.194	.3755	2.060	.640	27
25.00	1.341	.3798	2.180	.690	28
25.20	1.585	.4504	2.860	.770	28
25.40	1.920	.5087	3.120	.920	28
25.60	2.296	.5022	3.340	1.330	28
25.80	2.599	.5052	3.570	1.430	28
26.00	2.899	.5123	3.910	1.760	28
26.20	3.229	.4961	4.260	2.150	28
26.40	3.651	.4917	4.720	2.580	28
26.60	4.487	.5226	5.610	3.420	28
26.80	6.202	.4884	7.260	5.330	28
27.00	8.494	.4753	9.420	7.540	28
27.10	9.650	.5182	10.610	8.550	28
27.20	10.845	.5243	11.960	9.750	28
27.30	12.160	.5826	13.710	11.200	28
27.40	13.617	.6112	15.020	12.420	24
27.50	14.987	.8766	15.960	14.050	4
27.60	16.000	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.03	.035	.05	.00	2
.04	.064	.11	.00	3
.03	.065	.15	.00	5
.05	.066	.18	.00	8
.07	.063	.23	.00	16
.09	.068	.27	.01	21
.11	.083	.32	.01	25
.14	.090	.36	.03	25
.16	.102	.41	.05	26
.19	.112	.46	.06	27
.25	.123	.52	.07	28
.35	.187	.95	.09	28
.54	.267	1.16	.13	28
.78	.317	1.55	.30	28
1.03	.348	1.77	.35	28
1.31	.394	2.14	.54	28
1.67	.421	2.44	.84	28
2.22	.480	3.13	1.27	28
3.65	.702	5.25	2.45	28
8.13	1.081	10.55	5.82	28
17.80	2.083	20.08	12.81	28
24.44	2.722	27.81	17.48	28
32.68	3.144	37.96	24.50	28
43.55	3.914	51.02	35.23	28
57.65	4.952	64.97	45.98	24
73.65	7.091	80.73	66.34	4
93.26	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	13.231	.1746	13.354	13.107	2
23.20	12.909	.1521	12.997	12.733	3
23.40	12.848	.1809	13.125	12.655	5
23.60	12.604	.2870	12.997	12.114	8
23.80	12.494	.3076	13.033	11.874	16
24.00	12.359	.3285	12.919	11.696	20
24.20	12.279	.3353	12.915	11.564	24
24.40	12.168	.3102	12.620	11.421	24
24.60	12.053	.2942	12.418	11.243	25
24.80	11.942	.2818	12.278	11.107	26
25.00	11.778	.2541	12.165	10.991	27
25.20	11.536	.2652	11.949	10.807	27
25.40	11.199	.2910	11.716	10.568	27
25.60	10.828	.2740	11.321	10.213	27
25.80	10.525	.2948	11.218	9.904	27
26.00	10.226	.3157	10.885	9.569	27
26.20	9.897	.3131	10.499	9.162	27
26.40	9.472	.3030	10.072	8.842	27
26.60	8.621	.2982	9.228	7.999	27
26.80	6.895	.1983	7.326	6.471	27
27.00	4.609	.2475	5.224	4.303	27
27.10	3.452	.2893	4.243	3.106	27
27.20	2.258	.2815	3.042	1.808	27
27.30	.941	.3080	1.573	.322	27
27.40	-0.473	.3604	.367	-1.014	24
27.50	-1.862	.4377	-1.460	-2.310	4
27.60	-3.406	n/a	n/a	n/a	1

ACC. POT.

MEAN	S.D.	MAX	MIN	N
13.576	.6230	14.016	13.135	2
13.300	.6149	13.981	12.786	3
13.205	.4409	13.937	12.782	5
13.118	.3366	13.888	12.775	8
13.135	.3282	13.832	12.576	16
13.132	.3314	13.769	12.536	20
13.085	.3108	13.699	12.493	24
13.041	.3031	13.625	12.447	24
12.975	.2991	13.544	12.397	25
12.924	.2959	13.459	12.345	26
12.852	.2750	13.368	12.289	27
12.777	.2634	13.251	12.224	27
12.682	.2471	13.098	12.148	27
12.560	.2293	12.931	12.048	27
12.413	.2144	12.748	11.924	27
12.240	.2043	12.558	11.768	27
12.040	.1992	12.345	11.578	27
11.803	.1990	12.088	11.321	27
11.506	.1968	11.744	11.007	27
11.055	.1879	11.280	10.551	27
10.331	.1541	10.530	9.907	27
9.833	.1254	10.011	9.480	27
9.237	.0907	9.384	8.991	27
8.521	.0564	8.614	8.379	27
7.650	.0200	7.685	7.599	24
6.588	.0493	6.641	6.528	4
5.423	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	6.83	n/a	n/a	n/a	1
23.80	6.65	.509	7.01	6.29	2
24.00	6.62	.340	6.96	6.28	3
24.20	6.49	.322	6.84	6.21	3
24.40	6.34	.355	6.73	6.04	3
24.60	5.99	.718	6.64	5.22	3
24.80	5.64	1.050	6.52	4.48	3
25.00	5.38	1.108	6.40	3.81	4
25.20	4.94	1.233	6.11	3.32	4
25.40	4.69	1.135	5.72	3.48	4
25.60	4.46	1.174	5.65	3.31	4
25.80	4.17	1.054	5.00	2.73	4
26.00	4.18	.448	4.66	3.59	4
26.20	3.82	.418	4.44	3.53	4
26.40	3.43	.466	4.11	3.10	4
26.60	2.81	.458	3.47	2.42	4
26.80	1.66	.096	1.80	1.58	4
27.00	.74	.152	.89	.53	4
27.10	.55	.113	.70	.43	4
27.20	.42	.115	.59	.33	4
27.30	.41	.133	.60	.31	4
27.40	.57	.170	.69	.45	2
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1508	7.8	1513	1502	2
1502	8.0	1510	1494	3
1504	7.0	1509	1492	5
1503	5.4	1507	1490	8
1501	4.5	1505	1489	16
1499	4.1	1504	1488	21
1497	3.6	1503	1486	25
1494	3.2	1500	1485	25
1492	2.7	1497	1484	26
1489	2.1	1494	1484	27
1487	1.9	1491	1483	28
1484	1.7	1487	1480	28
1482	2.0	1486	1478	28
1480	2.1	1484	1476	28
1480	1.7	1483	1477	28
1481	1.2	1483	1478	28
1481	1.0	1483	1479	28
1481	1.1	1483	1479	28
1480	.9	1481	1477	28
1478	1.0	1479	1475	28
1478	1.1	1479	1474	28
1478	.9	1479	1476	28
1479	.8	1480	1477	28
1480	.7	1481	1478	28
1481	.8	1482	1479	24
1482	.8	1483	1481	4
1485	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	11.06	n/a	n/a	n/a	1
23.80	10.81	n/a	n/a	n/a	1
24.00	13.50	1.672	14.60	10.57	5
24.20	12.99	.831	13.56	10.34	13
24.40	12.23	.640	12.84	10.09	15
24.60	11.52	.623	12.14	9.33	17
24.80	10.78	.661	11.45	8.54	17
25.00	9.93	.619	10.74	7.85	18
25.20	9.11	.484	9.98	7.64	18
25.40	8.34	.400	9.04	7.42	18
25.60	7.90	.461	8.38	6.95	18
25.80	7.83	.275	8.13	7.03	18
26.00	7.77	.229	8.18	7.20	18
26.20	7.65	.202	7.95	7.19	18
26.40	7.46	.213	7.69	6.92	18
26.60	6.92	.168	7.11	6.55	18
26.80	5.79	.172	6.03	5.44	18
27.00	4.83	.125	5.02	4.63	18
27.10	4.46	.087	4.65	4.31	18
27.20	4.13	.066	4.27	3.99	18
27.30	3.78	.070	3.87	3.59	17
27.40	3.35	.079	3.46	3.18	16
27.50	2.91	.069	2.96	2.79	5
27.60	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	30.898	n/a	n/a	n/a	1
23.80	31.120	n/a	n/a	n/a	1
24.00	32.027	.4001	32.303	31.331	5
24.20	32.156	.2011	32.325	31.531	13
24.40	32.238	.1571	32.365	31.717	15
24.60	32.331	.1414	32.461	31.823	17
24.80	32.413	.1422	32.563	31.919	17
25.00	32.477	.1286	32.655	32.048	18
25.20	32.561	.0960	32.722	32.267	18
25.40	32.658	.0809	32.788	32.478	18
25.60	32.828	.0872	32.909	32.650	18
25.80	33.066	.0507	33.125	32.920	18
26.00	33.311	.0426	33.382	33.203	18
26.20	33.540	.0374	33.596	33.457	18
26.40	33.760	.0388	33.801	33.664	18
26.60	33.919	.0290	33.952	33.855	18
26.80	33.988	.0272	34.026	33.936	18
27.00	34.096	.0181	34.124	34.068	18
27.10	34.171	.0121	34.196	34.149	18
27.20	34.252	.0091	34.270	34.234	18
27.30	34.332	.0099	34.344	34.308	17
27.40	34.406	.0089	34.418	34.385	16
27.50	34.480	.0065	34.485	34.469	5
27.60	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	25	n/a	n/a	n/a	1
23.80	26	n/a	n/a	n/a	1
24.00	21	4.6	27	17	5
24.20	23	6.8	33	13	13
24.40	26	7.2	36	15	15
24.60	26	11.0	40	0	17
24.80	35	9.6	52	18	17
25.00	39	10.7	59	20	18
25.20	47	12.1	67	24	18
25.40	59	15.1	92	39	18
25.60	74	16.4	105	45	18
25.80	88	17.1	117	51	18
26.00	102	16.7	128	63	18
26.20	117	17.2	145	75	18
26.40	139	16.1	165	98	18
26.60	201	18.9	241	151	18
26.80	347	21.4	381	306	18
27.00	530	31.3	588	466	18
27.10	636	33.3	702	574	18
27.20	751	30.0	802	682	18
27.30	902	35.6	961	846	17
27.40	1090	47.9	1182	1012	16
27.50	1311	47.6	1360	1237	5
27.60	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	430.5	n/a	n/a	n/a	1
23.80	411.3	n/a	n/a	n/a	1
24.00	392.4	.18	392.6	392.1	5
24.20	373.3	.19	373.6	373.1	13
24.40	354.2	.21	354.6	353.9	15
24.60	335.1	.23	335.5	334.8	17
24.80	316.3	.28	316.8	315.9	17
25.00	297.3	.23	297.7	297.0	18
25.20	278.4	.23	278.8	278.0	18
25.40	259.5	.29	260.1	259.0	18
25.60	240.7	.28	241.2	240.1	18
25.80	221.9	.26	222.4	221.4	18
26.00	203.2	.27	203.6	202.5	18
26.20	184.4	.26	184.9	183.8	18
26.40	165.8	.23	166.2	165.2	18
26.60	147.6	.29	148.2	146.9	18
26.80	130.0	.29	130.4	129.4	18
27.00	112.2	.40	113.0	111.6	18
27.10	103.4	.32	104.1	102.8	18
27.20	94.5	.23	94.8	93.9	18
27.30	85.8	.21	86.1	85.4	17
27.40	76.8	.26	77.2	76.3	16
27.50	67.7	.27	68.1	67.4	5
27.60	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	11.06	n/a	n/a	n/a	1
23.80	10.81	n/a	n/a	n/a	1
24.00	13.50	1.670	14.59	10.57	5
24.20	12.99	.831	13.56	10.34	13
24.40	12.23	.639	12.83	10.09	15
24.60	11.52	.623	12.14	9.33	17
24.80	10.78	.660	11.45	8.54	17
25.00	9.93	.616	10.73	7.85	18
25.20	9.11	.485	9.97	7.63	18
25.40	8.33	.399	9.04	7.42	18
25.60	7.89	.463	8.37	6.94	18
25.80	7.82	.275	8.12	7.02	18
26.00	7.76	.229	8.17	7.19	18
26.20	7.64	.203	7.94	7.18	18
26.40	7.44	.213	7.68	6.91	18
26.60	6.90	.168	7.09	6.53	18
26.80	5.76	.173	6.01	5.41	18
27.00	4.79	.125	4.98	4.59	18
27.10	4.41	.087	4.60	4.26	18
27.20	4.07	.066	4.21	3.94	18
27.30	3.71	.073	3.81	3.52	17
27.40	3.27	.081	3.38	3.10	16
27.50	2.81	.072	2.87	2.69	5
27.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	429.9	n/a	n/a	n/a	1
23.80	409.3	n/a	n/a	n/a	1
24.00	391.3	.84	391.9	389.8	5
24.20	371.5	1.42	372.6	367.3	13
24.40	351.3	2.31	353.6	346.1	15
24.60	332.0	2.28	334.8	327.3	17
24.80	313.4	1.92	315.5	310.1	17
25.00	295.0	1.81	296.5	290.2	18
25.20	276.1	1.84	277.5	271.4	18
25.40	257.7	1.32	258.5	253.8	18
25.60	238.9	.73	239.5	236.8	18
25.80	220.1	.39	220.5	219.4	18
26.00	201.0	.50	201.5	199.7	18
26.20	182.3	.19	182.4	181.8	18
26.40	163.3	.11	163.5	163.1	18
26.60	144.3	.04	144.4	144.3	18
26.80	125.1	.15	125.3	124.9	18
27.00	106.1	.09	106.3	106.0	18
27.10	96.6	.06	96.7	96.5	18
27.20	87.1	.05	87.2	87.0	18
27.30	77.6	.05	77.6	77.5	17
27.40	68.0	.07	68.1	67.8	16
27.50	58.4	.14	58.5	58.2	5
27.60	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	1.090	n/a	n/a	n/a	1
23.80	1.140	n/a	n/a	n/a	1
24.00	.872	.2192	1.190	.660	5
24.20	.917	.2804	1.300	.510	13
24.40	1.013	.2832	1.400	.550	15
24.60	.996	.4318	1.520	.000	17
24.80	1.282	.3216	1.750	.680	17
25.00	1.407	.3720	1.960	.730	18
25.20	1.625	.4063	2.320	.860	18
25.40	1.961	.4865	3.010	1.220	18
25.60	2.329	.5249	3.330	1.330	18
25.80	2.661	.5446	3.620	1.470	18
26.00	2.950	.5374	3.840	1.730	18
26.20	3.244	.5469	4.190	1.970	18
26.40	3.640	.5185	4.530	2.370	18
26.60	4.605	.5414	5.580	3.200	18
26.80	6.639	.5133	7.460	5.330	18
27.00	8.875	.5348	9.870	7.780	18
27.10	10.019	.5579	10.900	8.760	18
27.20	11.166	.5356	11.970	9.850	18
27.30	12.557	.5981	13.560	11.120	17
27.40	14.158	.5777	15.100	13.330	16
27.50	15.850	.6442	16.750	14.970	5
27.60	n/a	n/a	n/a	n/a	0

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	.14	n/a	n/a	n/a	1
23.80	.15	n/a	n/a	n/a	1
24.00	.10	.048	.17	.06	5
24.20	.12	.065	.22	.03	13
24.40	.14	.073	.25	.04	15
24.60	.15	.095	.31	.00	17
24.80	.24	.122	.47	.06	17
25.00	.29	.151	.59	.07	18
25.20	.39	.192	.74	.10	18
25.40	.58	.293	1.30	.23	18
25.60	.84	.356	1.63	.30	18
26.00	1.12	.413	1.95	.36	18
26.20	1.40	.453	2.23	.51	18
26.40	1.73	.510	2.72	.68	18
26.60	2.24	.547	3.25	1.04	18
26.80	3.93	.784	5.55	2.10	18
27.00	9.64	1.197	11.56	7.06	18
27.10	19.71	2.218	23.36	15.55	18
27.20	26.56	2.744	31.65	21.81	18
27.30	34.72	2.865	39.36	28.85	18
27.40	46.51	3.787	52.56	40.25	17
27.50	62.45	5.292	71.68	53.99	16
27.60	82.39	5.862	88.49	72.92	5
	n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	12.531	n/a	n/a	n/a	1
23.80	12.478	n/a	n/a	n/a	1
24.00	12.562	.1535	12.809	12.428	5
24.20	12.464	.2237	12.799	12.112	12
24.40	12.380	.1882	12.636	12.026	14
24.60	12.381	.3398	13.230	11.933	16
24.80	12.082	.3102	12.473	11.411	16
25.00	11.895	.3398	12.327	11.268	17
25.20	11.669	.3122	12.197	11.056	17
25.40	11.329	.3143	11.906	10.860	17
25.60	10.964	.3197	11.593	10.477	17
25.80	10.643	.3108	11.337	10.116	17
26.00	10.352	.2924	11.004	9.849	17
26.20	10.059	.2952	10.758	9.538	17
26.40	9.665	.2578	10.212	9.161	17
26.60	8.691	.2374	9.099	8.290	17
26.80	6.645	.1872	6.975	6.324	17
27.00	4.377	.2130	4.789	3.957	17
27.10	3.235	.2439	3.766	2.705	17
27.20	2.106	.2367	2.684	1.707	17
27.30	.743	.2902	1.208	.251	17
27.40	-0.796	.3924	-0.166	-1.555	16
27.50	-2.408	.3755	-1.803	-2.771	5
27.60	n/a	n/a	n/a	n/a	0

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	13.612	n/a	n/a	n/a	1
23.80	13.562	n/a	n/a	n/a	1
24.00	13.402	.2571	13.795	13.141	5
24.20	13.326	.2735	13.929	13.042	12
24.40	13.303	.2943	13.864	13.006	14
24.60	13.244	.2850	13.792	12.961	16
24.80	13.182	.2571	13.713	12.913	16
25.00	13.062	.3162	13.625	12.265	17
25.20	12.982	.3058	13.524	12.201	17
25.40	12.882	.2900	13.372	12.129	17
25.60	12.756	.2707	13.184	12.048	17
25.80	12.603	.2501	12.987	11.959	17
26.00	12.425	.2309	12.767	11.852	17
26.20	12.220	.2131	12.517	11.723	17
26.40	11.983	.1980	12.239	11.564	17
26.60	11.685	.1847	11.912	11.338	17
26.80	11.209	.1621	11.483	10.897	17
27.00	10.424	.1252	10.660	10.184	17
27.10	9.901	.0971	10.076	9.713	17
27.20	9.279	.0656	9.380	9.150	17
27.30	8.550	.0381	8.605	8.489	17
27.40	7.662	.0181	7.693	7.611	16
27.50	6.568	.0447	6.625	6.534	5
27.60	n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	5.96	n/a	n/a	n/a	1
24.20	6.21	.190	6.40	6.02	3
24.40	6.52	.133	6.31	6.04	3
24.60	6.55	.138	6.45	6.13	4
24.80	6.31	.210	6.57	6.11	4
25.00	6.27	.184	6.44	6.03	4
25.20	6.19	.267	6.50	5.87	4
25.40	6.06	.469	6.55	5.63	4
25.60	5.47	.582	6.17	4.83	4
25.80	4.59	.504	5.04	3.87	4
26.00	4.07	.339	4.40	3.71	4
26.20	3.73	.311	4.11	3.35	4
26.40	3.21	.384	3.68	2.74	4
26.60	2.63	.444	3.29	2.30	4
26.80	1.85	.250	2.07	1.56	4
27.00	.82	.062	.88	.74	4
27.10	.55	.052	.62	.50	4
27.20	.37	.025	.40	.34	4
27.30	.31	.026	.33	.28	4
27.40	.42	.083	.54	.36	4
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	1489	n/a	n/a	n/a	1
23.80	1489	n/a	n/a	n/a	1
24.00	1499	6.3	1503	1488	5
24.20	1498	3.1	1500	1488	13
24.40	1495	2.5	1498	1487	15
24.60	1493	2.5	1495	1484	17
24.80	1490	2.5	1493	1482	17
25.00	1488	2.5	1491	1479	18
25.20	1485	1.9	1488	1479	18
25.40	1482	1.8	1485	1478	18
25.60	1481	2.0	1483	1477	18
25.80	1481	1.2	1483	1478	18
26.00	1481	1.1	1483	1479	18
26.20	1482	.9	1483	1480	18
26.40	1481	.8	1482	1479	18
26.60	1481	.8	1482	1479	18
26.80	1479	.8	1480	1477	18
27.00	1478	.7	1479	1477	18
27.10	1478	.6	1479	1477	18
27.20	1479	.5	1479	1478	18
27.30	1480	.6	1481	1479	17
27.40	1481	.7	1482	1480	16
27.50	1483	.9	1484	1482	5
27.60	n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	11.09	.445	11.44	10.44	7
24.80	10.49	.259	10.76	10.15	8
25.00	9.81	.297	10.13	8.94	15
25.20	9.22	.242	9.63	8.60	17
25.40	8.65	.304	9.28	8.21	17
25.60	8.29	.357	8.97	7.60	17
25.80	8.06	.355	8.69	7.20	17
26.00	7.89	.356	8.59	7.03	17
26.20	7.72	.375	8.50	6.91	17
26.40	7.49	.292	8.08	7.01	17
26.60	6.93	.168	7.26	6.63	17
26.80	5.81	.125	5.98	5.59	17
27.00	4.83	.091	5.03	4.69	16
27.10	4.45	.094	4.59	4.29	15
27.20	4.08	.089	4.22	3.94	15
27.30	3.74	.082	3.86	3.61	15
27.40	3.32	.082	3.48	3.21	15
27.50	2.86	.077	2.97	2.76	7
27.60	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	32.200	.1031	32.291	32.050	7
24.80	32.336	.0633	32.413	32.255	8
25.00	32.444	.0641	32.518	32.251	15
25.20	32.576	.0483	32.653	32.472	17
25.40	32.713	.0696	32.870	32.621	17
25.60	32.900	.0735	33.064	32.764	17
25.80	33.111	.0682	33.240	32.949	17
26.00	33.332	.0678	33.469	33.173	17
26.20	33.556	.0687	33.700	33.408	17
26.40	33.766	.0531	33.874	33.679	17
26.60	33.921	.0290	33.980	33.869	17
26.80	33.991	.0198	34.021	33.958	17
27.00	34.097	.0135	34.127	34.076	16
27.10	34.169	.0125	34.189	34.147	15
27.20	34.245	.0122	34.263	34.227	15
27.30	34.327	.0106	34.343	34.311	15
27.40	34.403	.0099	34.421	34.388	15
27.50	34.474	.0093	34.486	34.462	7
27.60	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	33	10.5	46	19	7
24.80	41	5.9	51	33	8
25.00	47	11.7	59	13	15
25.20	55	8.9	66	39	17
25.40	65	12.0	81	46	17
25.60	76	14.2	92	54	17
25.80	89	15.6	109	65	17
26.00	102	16.8	125	75	17
26.20	117	15.9	139	90	17
26.40	147	17.6	175	112	17
26.60	215	33.3	290	168	17
26.80	348	44.5	456	290	17
27.00	528	42.9	627	473	16
27.10	623	37.1	699	581	15
27.20	740	37.3	800	693	15
27.30	882	33.4	933	833	15
27.40	1063	35.7	1131	1008	15
27.50	1286	30.1	1348	1250	7
27.60	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	335.4	.25	335.7	335.1	7
24.80	316.4	.13	316.6	316.2	8
25.00	297.5	.24	297.7	296.9	15
25.20	278.5	.18	278.7	278.1	17
25.40	259.6	.22	259.9	259.2	17
25.60	240.8	.23	241.1	240.4	17
25.80	222.0	.24	222.3	221.5	17
26.00	203.2	.25	203.5	202.8	17
26.20	184.4	.23	184.7	184.0	17
26.40	165.9	.31	166.5	165.4	17
26.60	147.8	.56	149.1	147.1	17
26.80	130.0	.62	131.5	129.2	17
27.00	112.2	.48	113.3	111.6	16
27.10	103.3	.36	104.2	102.8	15
27.20	94.3	.31	94.9	93.9	15
27.30	85.5	.23	85.9	85.2	15
27.40	76.6	.25	77.0	76.3	15
27.50	67.4	.23	67.7	67.1	7
27.60	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	11.09	.442	11.43	10.44	7
24.80	10.49	.260	10.76	10.14	8
25.00	9.80	.296	10.12	8.94	15
25.20	9.21	.243	9.63	8.60	17
25.40	8.64	.305	9.28	8.20	17
25.60	8.28	.359	8.97	7.59	17
25.80	8.05	.355	8.68	7.19	17
26.00	7.88	.357	8.58	7.02	17
26.20	7.71	.375	8.49	6.90	17
26.40	7.47	.290	8.06	6.99	17
26.60	6.91	.165	7.24	6.62	17
26.80	5.78	.125	5.95	5.56	17
27.00	4.79	.093	5.00	4.65	16
27.10	4.40	.094	4.54	4.24	15
27.20	4.02	.090	4.17	3.88	15
27.30	3.67	.085	3.80	3.54	15
27.40	3.24	.081	3.40	3.13	15
27.50	2.77	.077	2.88	2.67	7
27.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	334.2	.47	334.6	333.3	7
24.80	314.2	1.44	315.6	312.3	8
25.00	295.3	1.46	296.5	291.3	15
25.20	276.5	1.49	277.5	272.7	17
25.40	257.9	.95	258.5	255.7	17
25.60	238.8	.89	239.5	236.6	17
25.80	219.9	.67	220.4	218.0	17
26.00	201.2	.30	201.5	200.4	17
26.20	182.2	.23	182.4	181.6	17
26.40	163.3	.09	163.4	163.1	17
26.60	144.3	.08	144.4	144.1	17
26.80	125.1	.19	125.3	124.8	17
27.00	106.1	.08	106.2	106.0	16
27.10	96.6	.07	96.7	96.5	15
27.20	87.1	.06	87.2	87.0	15
27.30	77.6	.04	77.6	77.5	15
27.40	68.0	.13	68.1	67.7	15
27.50	58.5	.11	58.5	58.2	7
27.60	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	1.123	.3525	1.560	.660	7
24.80	1.371	.2002	1.730	1.110	8
25.00	1.524	.3739	1.850	.380	15
25.20	1.742	.2658	2.070	1.160	17
25.40	2.022	.3674	2.560	1.430	17
25.60	2.300	.4134	2.820	1.650	17
25.80	2.599	.4442	3.150	1.860	17
26.00	2.863	.4769	3.470	2.050	17
26.20	3.165	.4593	3.730	2.440	17
26.40	3.679	.4432	4.160	2.840	17
26.60	4.745	.6212	5.890	3.600	17
26.80	6.610	.7849	8.240	5.290	17
27.00	8.813	.7711	10.340	7.540	16
27.10	9.821	.6948	10.920	8.680	15
27.20	10.982	.7134	12.100	9.800	15
27.30	12.267	.6840	13.310	11.060	15
27.40	13.753	.6835	14.730	12.670	15
27.50	15.390	.6052	16.320	14.670	7
27.60	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.20	.120	.37	.06	7
.29	.086	.45	.19	8
.39	.147	.56	.02	15
.50	.147	.70	.23	17
.68	.228	1.01	.34	17
.89	.297	1.24	.45	17
1.15	.369	1.62	.61	17
1.41	.447	2.04	.75	17
1.75	.473	2.42	1.01	17
2.44	.543	3.17	1.40	17
4.47	1.298	7.48	2.64	17
9.90	2.603	16.44	5.60	17
19.73	3.488	28.08	15.41	16
25.70	3.322	32.81	21.59	15
33.84	3.777	39.95	28.91	15
44.54	3.898	50.62	38.83	15
59.38	4.527	67.09	53.62	15
78.97	4.309	87.36	74.60	7
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	12.200	.2465	12.530	11.937	6
24.80	11.967	.4140	12.356	11.261	7
25.00	11.680	.3566	12.193	11.187	13
25.20	11.406	.3225	12.015	10.982	15
25.40	11.110	.2449	11.861	10.892	15
25.60	10.828	.2991	11.718	10.493	15
25.80	10.541	.3436	11.588	10.083	15
26.00	10.283	.3530	11.340	9.726	15
26.20	9.992	.3533	11.049	9.450	15
26.40	9.505	.1807	9.778	9.108	15
26.60	8.456	.1810	8.766	7.966	15
26.80	6.614	.2896	7.076	5.861	15
27.00	4.468	.2830	4.874	3.845	15
27.10	3.357	.3005	3.698	2.694	15
27.20	2.195	.3036	2.567	1.703	15
27.30	.909	.2685	1.302	.491	15
27.40	-0.575	.2905	-0.131	-1.126	15
27.50	-2.202	.2472	-1.926	-2.716	7
27.60	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
13.293	.5328	13.795	12.577	6
13.276	.4982	13.706	12.516	7
13.101	.4156	13.613	12.364	13
12.981	.3805	13.510	12.300	15
12.864	.3673	13.378	12.217	15
12.726	.3501	13.218	12.114	15
12.566	.3340	13.092	11.996	15
12.383	.3183	12.956	11.863	15
12.176	.3046	12.793	11.702	15
11.936	.2910	12.575	11.501	15
11.620	.2564	12.175	11.252	15
11.130	.2031	11.543	10.858	15
10.356	.1424	10.596	10.189	15
9.845	.1094	10.035	9.719	15
9.235	.0742	9.365	9.148	15
8.517	.0397	8.577	8.466	15
7.643	.0171	7.672	7.615	15
6.555	.0452	6.621	6.503	7
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	6.16	.001	6.16	6.16	2
24.80	5.93	.255	6.11	5.75	2
25.00	6.04	.478	6.65	5.23	6
25.20	5.71	.534	6.35	4.77	6
25.40	5.39	.637	6.33	4.36	6
25.60	4.92	.609	5.93	4.02	6
25.80	4.45	.572	5.49	3.78	6
26.00	4.02	.536	5.04	3.56	6
26.20	3.71	.370	4.72	3.17	6
26.40	3.34	.650	4.43	2.58	6
26.60	2.97	.491	3.55	2.28	6
26.80	1.87	.121	2.05	1.77	6
27.00	.81	.040	.87	.75	6
27.10	.53	.031	.56	.48	5
27.20	.39	.026	.41	.35	5
27.30	.33	.023	.36	.30	5
27.40	.30	.024	.43	.37	5
27.50	.58	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1492	1.8	1493	1489	7
1490	1.2	1491	1488	8
1487	1.3	1488	1483	15
1485	1.0	1487	1483	17
1483	1.2	1486	1481	17
1482	1.4	1485	1479	17
1482	1.5	1484	1478	17
1482	1.4	1484	1478	17
1482	1.7	1485	1478	17
1482	1.2	1484	1480	17
1481	1.2	1483	1479	17
1479	1.2	1481	1477	17
1478	.9	1480	1477	16
1478	.7	1480	1477	15
1478	.6	1479	1477	15
1479	.5	1480	1479	15
1481	.7	1482	1480	15
1483	.5	1483	1482	7
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	9.39	n/a	n/a	n/a	1
24.40	9.96	.014	9.97	9.95	2
24.60	10.15	.357	10.48	9.66	4
24.80	10.12	.237	10.43	9.72	11
25.00	9.64	.294	10.05	9.13	18
25.20	9.05	.369	9.81	8.30	19
25.40	8.51	.453	9.55	7.93	19
25.60	7.98	.511	9.02	7.25	19
25.80	7.77	.486	9.00	7.14	18
26.00	7.63	.456	8.89	6.80	18
26.20	7.51	.406	8.61	6.85	18
26.40	7.35	.297	8.19	6.92	18
26.60	6.83	.229	7.35	6.57	18
26.80	5.77	.228	6.12	5.41	17
27.00	4.83	.157	5.10	4.58	17
27.10	4.46	.107	4.59	4.27	17
27.20	4.11	.140	4.28	3.84	17
27.30	3.78	.109	3.95	3.59	17
27.40	3.37	.104	3.51	3.23	14
27.50	2.75	.017	2.76	2.72	4
27.60	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
31.316	n/a	n/a	n/a	1
31.691	.0041	31.694	31.688	2
32.016	.0338	32.057	31.982	4
32.246	.0450	32.317	32.194	11
32.404	.0631	32.517	32.297	18
32.542	.0812	32.699	32.381	19
32.688	.0961	32.888	32.570	19
32.841	.1006	33.036	32.702	19
33.056	.0935	33.296	32.938	18
33.283	.0848	33.524	33.133	18
33.516	.0754	33.722	33.397	18
33.741	.0545	33.896	33.664	18
33.904	.0400	33.995	33.859	18
33.984	.0363	34.039	33.927	17
34.096	.0225	34.136	34.060	17
34.170	.0151	34.188	34.145	17
34.249	.0187	34.271	34.214	17
34.332	.0142	34.354	34.308	17
34.408	.0121	34.426	34.391	14
34.463	.0000	34.463	34.462	4
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	10	n/a	n/a	n/a	1
24.40	14	12.0	23	5	2
24.60	16	11.5	27	2	4
24.80	32	17.6	51	3	11
25.00	52	7.5	60	31	18
25.20	58	8.4	70	39	19
25.40	65	9.1	77	44	19
25.60	76	12.3	104	53	19
25.80	88	14.8	118	59	18
26.00	105	14.8	129	76	18
26.20	122	13.9	144	95	18
26.40	151	14.0	179	126	18
26.60	210	28.0	285	164	18
26.80	333	30.3	413	270	17
27.00	512	28.9	566	449	17
27.10	611	30.8	665	560	17
27.20	733	36.9	779	674	17
27.30	876	36.7	952	795	17
27.40	1054	34.9	1109	975	14
27.50	1291	23.6	1323	1267	4
27.60	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
373.0	n/a	n/a	n/a	1
354.1	.21	354.2	353.9	2
335.0	.24	335.2	334.7	4
316.3	.31	316.6	315.8	11
297.5	.16	297.8	297.2	18
278.6	.19	278.9	278.2	19
259.6	.17	259.9	259.3	19
240.7	.21	241.1	240.3	19
221.9	.22	222.3	221.4	18
203.2	.23	203.5	202.7	18
184.4	.22	184.8	184.0	18
165.9	.26	166.4	165.4	18
147.7	.46	148.7	146.9	18
129.8	.49	131.1	129.0	17
112.0	.37	112.8	111.4	17
103.1	.36	103.8	102.6	17
94.3	.38	94.9	93.7	17
85.5	.30	86.1	85.1	17
76.6	.29	77.2	76.3	14
67.1	.14	67.3	67.0	4
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	9.39	n/a	n/a	n/a	1
24.40	9.96	.014	9.97	9.95	2
24.60	10.14	.354	10.47	9.66	4
24.80	10.12	.237	10.43	9.72	11
25.00	9.64	.295	10.04	9.12	18
25.20	9.04	.372	9.81	8.29	19
25.40	8.50	.450	9.54	7.93	19
25.60	7.97	.514	9.02	7.24	19
25.80	7.76	.486	8.99	7.13	18
26.00	7.62	.456	8.88	6.79	18
26.20	7.50	.406	8.60	6.84	18
26.40	7.34	.297	8.17	6.91	18
26.60	6.81	.229	7.32	6.55	18
26.80	5.74	.227	6.09	5.38	17
27.00	4.79	.157	5.06	4.54	17
27.10	4.41	.105	4.54	4.23	17
27.20	4.05	.137	4.22	3.79	17
27.30	3.71	.109	3.88	3.52	17
27.40	3.29	.105	3.44	3.15	14
27.50	2.66	.017	2.67	2.63	4
27.60	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
372.6	n/a	n/a	n/a	1
353.5	.13	353.6	353.4	2
332.4	4.13	334.6	326.2	4
315.0	1.29	315.6	311.5	11
295.7	1.04	296.5	293.2	18
276.6	1.43	277.6	273.0	19
257.8	1.34	258.5	253.5	19
239.0	.90	239.5	235.8	19
220.2	.38	220.5	219.3	18
201.3	.24	201.4	200.6	18
182.4	.10	182.4	182.0	18
163.3	.11	163.4	163.0	18
144.3	.07	144.4	144.2	18
125.2	.15	125.3	124.9	17
106.2	.09	106.3	106.0	17
96.6	.07	96.7	96.5	17
87.1	.06	87.2	87.0	17
77.6	.04	77.6	77.5	17
68.0	.09	68.1	67.8	14
58.4	.15	58.5	58.2	4
n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	.390	n/a	n/a	n/a	1
24.40	.500	.4525	.820	.180	2
24.60	.565	.4088	.970	.070	4
24.80	1.074	.5889	1.650	.100	11
25.00	1.651	.2406	1.890	.930	18
25.20	1.825	.2729	2.170	1.100	19
25.40	2.011	.2901	2.350	1.320	19
25.60	2.302	.3662	3.030	1.450	19
25.80	2.576	.4297	3.360	1.600	18
26.00	2.919	.4082	3.600	1.990	18
26.20	3.256	.3970	3.830	2.330	18
26.40	3.773	.3705	4.380	2.870	18
26.60	4.699	.5045	5.900	3.810	18
26.80	6.396	.5231	7.680	5.400	17
27.00	8.566	.4992	9.560	7.580	17
27.10	9.645	.4960	10.630	8.780	17
27.20	10.854	.4541	11.680	9.980	17
27.30	12.151	.4834	13.010	11.060	17
27.40	13.632	.5358	14.620	12.540	14
27.50	15.370	.2909	15.750	15.070	4
27.60	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.02	n/a	n/a	n/a	1
.05	.064	.09	.00	2
.06	.062	.13	.00	4
.22	.163	.43	.00	11
.44	.111	.58	.15	18
.55	.146	.77	.22	19
.66	.171	.91	.30	19
.88	.269	1.53	.39	19
1.12	.353	1.91	.47	18
1.47	.393	2.22	.74	18
1.85	.424	2.55	1.04	18
2.57	.471	3.53	1.65	18
4.33	1.059	7.26	2.73	18
9.07	1.625	13.53	5.92	17
18.44	2.165	22.97	13.93	17
24.68	2.598	29.74	20.13	17
33.00	2.734	37.44	28.06	17
43.76	3.651	50.21	36.24	17
58.11	4.135	65.71	49.65	14
78.66	2.356	81.91	76.41	4
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	12.298	n/a	n/a	n/a	1
24.40	12.539	.9369	13.202	11.877	2
24.60	12.581	.6157	13.082	11.720	4
24.80	12.187	.5288	12.894	11.411	9
25.00	11.495	.4598	11.867	11.012	16
25.20	11.294	.3033	11.727	10.784	17
25.40	11.111	.3190	11.598	10.520	17
25.60	10.812	.3622	11.457	10.264	17
25.80	10.526	.3789	11.164	9.932	17
26.00	10.173	.3418	10.910	9.691	17
26.20	9.839	.3104	10.540	9.469	17
26.40	9.346	.2238	9.880	9.132	17
26.60	8.480	.1822	8.887	8.141	17
26.80	6.711	.2675	7.293	5.989	17
27.00	4.542	.2400	5.112	4.097	17
27.10	3.461	.2494	3.916	3.027	17
27.20	2.255	.2225	2.577	1.865	17
27.30	.955	.2548	1.593	.327	17
27.40	-0.499	.2807	.119	-0.954	14
27.50	-2.232	.1636	-2.068	-2.456	4
27.60	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.691	n/a	n/a	n/a	1
13.021	.5063	13.379	12.663	2
13.119	.3484	13.356	12.617	4
13.111	.3014	13.342	12.559	9
13.033	.2776	13.339	12.476	16
12.912	.2712	13.327	12.375	17
12.796	.2668	13.308	12.259	17
12.663	.2619	13.180	12.125	17
12.506	.2566	13.034	11.981	17
12.325	.2510	12.859	11.823	17
12.112	.2444	12.644	11.642	17
11.861	.2355	12.377	11.425	17
11.541	.2135	12.010	11.166	17
11.070	.1728	11.449	10.796	17
10.323	.1212	10.544	10.124	17
9.821	.1003	9.986	9.637	17
9.226	.0769	9.341	9.069	17
8.516	.0475	8.591	8.424	17
7.653	.0224	7.695	7.623	14
6.520	.0142	6.540	6.508	4
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1484	n/a	n/a	n/a	1
1486	.0	1486	1486	2
1487	1.7	1489	1485	4
1488	1.0	1489	1486	11
1487	1.2	1488	1484	18
1485	1.7	1488	1481	19
1483	2.0	1487	1480	19
1481	2.1	1485	1478	19
1481	2.0	1486	1479	18
1481	2.0	1486	1477	18
1481	1.8	1486	1478	18
1481	1.4	1485	1479	18
1480	1.1	1483	1479	18
1478	1.3	1481	1476	17
1477	.9	1479	1476	17
1478	.7	1479	1477	17
1478	.8	1479	1477	17
1480	.6	1481	1479	17
1481	.7	1482	1480	14
1482	.5	1483	1482	4
n/a	n/a	n/a	n/a	0

Table 16. As in Table 12, for Station 4 (P06).

Table 16: STATION MP06 A L L D A T A (JANUARY-DECEMBER) 1956 to 1998

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.34	2.696	17.90	6.80	231
10	11.22	2.609	17.40	6.64	231
20	10.86	2.379	16.68	6.61	231
30	10.16	1.938	15.96	6.27	231
50	8.73	1.055	13.77	6.23	231
75	7.97	.747	10.13	6.16	231
100	7.74	.619	10.14	6.29	230
125	7.54	.560	10.31	6.58	230
150	7.35	.538	10.18	6.45	230
175	7.11	.478	9.53	6.29	230
200	6.85	.439	8.97	6.06	230
225	6.58	.421	8.48	5.76	230
250	6.33	.411	8.04	5.57	230
300	5.89	.392	7.39	5.26	229
400	5.21	.332	6.49	4.43	223
500	4.75	.247	5.84	4.21	220
600	4.40	.179	5.21	4.01	217
700	4.12	.138	4.64	3.80	215
800	3.88	.116	4.22	3.61	215
900	3.65	.099	3.94	3.40	214
1000	3.43	.086	3.71	3.16	213
1200	3.02	.069	3.25	2.71	204
1500	2.49	.055	2.62	2.35	128
2000	1.93	.029	2.02	1.88	57

SALINITY

MEAN	S.D.	MAX	MIN	N
32.146	.2777	32.690	30.974	231
32.162	.2621	32.710	30.978	231
32.219	.2054	32.720	31.500	231
32.300	.1653	32.728	31.833	231
32.466	.1244	32.831	32.042	231
32.752	.2486	33.630	32.356	231
33.183	.3071	33.860	32.472	230
33.530	.2378	33.996	32.445	230
33.741	.1511	34.060	32.858	230
33.848	.0803	34.079	33.436	230
33.895	.0559	34.100	33.597	230
33.921	.0418	34.100	33.755	230
33.938	.0361	34.110	33.841	230
33.965	.0354	34.120	33.860	229
34.020	.0306	34.149	33.917	223
34.091	.0295	34.198	34.016	220
34.166	.0291	34.259	34.069	217
34.236	.0277	34.329	34.151	215
34.296	.0265	34.400	34.217	215
34.344	.0250	34.429	34.272	214
34.386	.0229	34.474	34.319	213
34.449	.0214	34.541	34.375	204
34.516	.0186	34.590	34.435	128
34.596	.0098	34.617	34.564	57

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.484	.6173	25.484	22.932	231
10	24.520	.5877	25.459	23.022	231
20	24.633	.5211	25.519	23.278	231
30	24.824	.4064	25.539	23.590	231
50	25.196	.2155	25.673	24.088	231
75	25.535	.2379	26.197	24.955	231
100	25.906	.2728	26.407	25.063	230
125	26.208	.2259	26.539	25.152	230
150	26.400	.1680	26.613	25.347	230
175	26.517	.1100	26.675	25.872	230
200	26.590	.0852	26.738	26.080	230
225	26.647	.0672	26.773	26.253	230
250	26.693	.0556	26.807	26.401	230
300	26.771	.0464	26.872	26.567	229
400	26.897	.0402	26.988	26.749	223
500	27.006	.0366	27.089	26.866	220
600	27.103	.0315	27.179	26.957	217
700	27.189	.0267	27.262	27.080	215
800	27.261	.0237	27.343	27.181	215
900	27.323	.0219	27.396	27.261	214
1000	27.377	.0199	27.448	27.328	213
1200	27.466	.0182	27.541	27.412	204
1500	27.566	.0157	27.631	27.505	128
2000	27.676	.0083	27.693	27.654	57

SVA

MEAN	S.D.	MAX	MIN	N
345.9	58.83	493.9	250.6	231
342.6	56.04	485.6	253.1	231
332.0	49.72	461.4	247.5	231
314.0	38.79	431.9	245.7	231
278.8	20.59	384.8	233.4	231
246.9	22.65	302.4	184.1	231
212.1	25.94	292.5	164.6	230
183.8	21.51	284.5	152.5	230
165.9	16.05	266.5	145.8	230
155.1	10.57	217.0	140.2	230
145.4	8.23	197.6	134.6	230
143.3	6.53	181.4	131.2	230
139.2	5.45	167.7	128.3	230
132.2	4.61	152.5	122.5	229
120.9	4.03	136.0	112.3	223
111.3	3.68	125.7	103.4	220
102.6	3.13	117.5	95.4	217
95.1	2.64	106.1	88.2	215
88.7	2.32	96.9	81.1	215
83.3	2.15	89.7	76.4	214
78.5	1.97	83.2	71.9	213
70.4	1.75	75.3	63.5	204
61.1	1.52	66.7	55.0	128
50.9	.77	52.6	49.2	57

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.34	2.696	17.90	6.80	231
10	11.22	2.609	17.40	6.64	231
20	10.86	2.379	16.68	6.61	231
30	10.16	1.937	15.96	6.27	231
50	8.72	1.052	13.76	6.23	231
75	7.96	.747	10.12	6.15	231
100	7.73	.619	10.13	6.28	230
125	7.53	.560	10.30	6.57	230
150	7.34	.537	10.16	6.44	230
175	7.10	.478	9.51	6.28	230
200	6.83	.439	8.95	6.04	230
225	6.56	.421	8.46	5.74	230
250	6.31	.410	8.01	5.55	230
300	5.86	.390	7.36	5.24	229
400	5.17	.331	6.45	4.40	223
500	4.71	.247	5.80	4.17	220
600	4.36	.178	5.16	3.97	217
700	4.07	.137	4.58	3.75	215
800	3.82	.115	4.16	3.55	215
900	3.58	.098	3.87	3.34	214
1000	3.36	.086	3.64	3.09	213
1200	2.93	.067	3.16	2.63	204
1500	2.39	.054	2.52	2.25	128
2000	1.79	.028	1.88	1.74	57

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
345.9	58.83	493.9	250.6	231
342.4	56.00	485.3	253.0	231
331.6	49.63	460.7	247.2	231
313.4	38.69	431.0	245.4	231
277.9	20.50	383.4	232.6	231
245.7	22.61	300.9	182.7	231
210.4	25.91	290.4	162.8	230
181.7	21.45	281.9	150.2	230
163.4	15.95	263.4	143.2	230
152.3	10.43	213.4	137.2	230
145.3	8.07	193.7	131.3	230
139.9	6.35	177.2	127.9	230
135.5	5.26	163.1	124.7	230
128.1	4.39	147.4	118.5	229
116.1	3.79	130.0	107.4	223
105.7	3.46	118.9	97.8	220
96.4	2.97	110.2	89.2	217
88.3	2.52	98.5	81.3	215
81.4	2.23	88.9	73.6	215
75.5	2.07	81.3	68.6	214
70.3	1.89	74.9	63.6	213
61.7	1.70	66.9	54.7	204
52.2	1.48	58.0	46.1	128
41.6	.75	43.7	40.0	57

STATION MP06 A L L D A T A (JANUARY-DECEMBER) 1956 to 1998

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	231
10	.345	.0581	.490	.250	231
20	.684	.1102	.960	.510	231
30	1.008	.1507	1.400	.750	231
50	1.600	.1868	2.100	1.250	231
75	2.259	.2075	2.830	1.800	231
100	2.831	.2438	3.490	2.230	230
125	3.324	.2853	4.090	2.630	230
150	3.759	.3171	4.630	3.000	230
175	4.159	.3388	5.090	3.350	230
200	4.538	.3532	5.530	3.700	230
225	4.903	.3644	6.000	4.030	230
250	5.255	.3730	6.420	4.350	230
300	5.934	.3860	7.170	4.980	229
400	7.201	.4088	8.580	6.190	223
500	8.363	.4283	9.830	7.270	220
600	9.431	.4469	11.000	8.300	217
700	10.419	.4603	12.060	9.240	215
800	11.337	.4723	13.010	10.100	215
900	12.198	.4858	13.910	10.910	214
1000	12.998	.4833	14.740	11.670	213
1200	14.474	.5056	16.270	13.070	204
1500	16.369	.4423	18.060	15.580	128
2000	19.237	.4721	20.860	18.440	57

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	231
.02	.004	.03	.01	231
.07	.011	.10	.05	231
.15	.022	.21	.12	231
.39	.038	.50	.32	231
.81	.059	1.02	.66	231
1.32	.105	1.64	1.04	230
1.88	.166	2.37	1.49	230
2.49	.224	3.32	2.01	230
3.16	.270	4.32	2.60	230
3.88	.306	5.28	3.26	230
4.67	.339	6.31	3.98	230
5.52	.366	7.34	4.77	230
7.42	.418	9.45	6.53	229
11.93	.528	14.51	10.80	223
17.25	.670	20.52	15.85	220
23.24	.829	27.19	21.53	217
29.78	.979	34.18	27.77	215
36.79	1.135	41.47	34.27	215
44.25	1.303	49.16	41.08	214
52.05	1.423	57.09	48.25	213
68.66	1.754	74.75	63.40	204
95.55	1.985	100.59	90.59	128
145.33	2.381	150.86	140.44	57

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.42	.423	6.98	5.09	26
10	6.55	.353	7.13	5.95	26
20	6.46	.391	7.23	5.65	26
30	6.47	.340	7.02	5.83	26
50	6.37	.316	6.86	5.73	26
75	5.47	.801	6.60	3.80	26
100	4.37	.876	6.36	2.72	26
125	3.73	.579	5.86	2.69	26
150	3.35	.569	4.60	2.44	26
175	3.06	.496	4.37	2.35	26
200	2.88	.425	3.84	2.26	26
225	2.74	.353	3.60	2.20	26
250	2.61	.337	3.41	2.09	26
300	2.14	.318	2.85	1.56	26
400	1.44	.254	1.86	1.01	26
500	.90	.178	1.35	.62	26
600	.60	.125	.88	.44	26
700	.46	.086	.63	.28	24
800	.35	.079	.50	.14	24
900	.34	.069	.46	.19	24
1000	.35	.069	.50	.23	23
1200	.44	.072	.57	.30	22
1500	.79	.109	1.03	.60	20
2000	1.46	.085	1.61	1.23	17

SOUND

MEAN	S.D.	MAX	MIN	N
1491	9.3	1512	1475	231
1491	9.0	1511	1474	231
1490	8.3	1509	1475	231
1488	6.8	1507	1473	231
1483	3.9	1501	1473	231
1481	2.9	1489	1474	231
1481	2.4	1489	1475	230
1481	2.1	1491	1477	230
1481	2.0	1491	1478	230
1481	1.8	1490	1478	230
1480	1.8	1488	1477	230
1480	1.7	1487	1476	230
1479	1.7	1486	1476	230
1478	1.6	1484	1475	229
1477	1.4	1482	1474	223
1477	1.1	1481	1475	220
1477	.8	1480	1476	217
1478	.6	1480	1476	215
1479	.6	1480	1477	215
1479	.5	1480	1478	214
1480	.4	1481	1479	213
1482	.5	1483	1480	204
1484	.5	1485	1484	128
1490	.5	1491	1490	57

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.998	.4833	14.739	11.671	213
10	12.652	.4578	14.436	11.411	213
20	12.313	.4377	14.132	11.159	213
30	11.989	.4213	13.828	10.908	213
50	11.396	.3981	13.219	10.407	213
75	10.737	.3701	12.463	9.868	213
100	10.166	.3359	11.727	9.439	213
125	9.673	.3017	11.007	8.954	213
150	9.239	.2735	10.313	8.536	213
175	8.839	.2529	9.781	8.167	213
200	8.460	.2375	9.371	7.820	213
225	8.096	.2247	8.976	7.484	213
250	7.743	.2134	8.589	7.160	213
300	7.064	.1932	7.845	6.533	213
400	5.801	.1564	6.447	5.357	213
500	4.641	.1230	5.143	4.280	213
600	3.573	.0924	3.930	3.291	213
700	2.586	.0659	2.811	2.371	213
800	1.668	.0420	1.793	1.526	213
900	.808	.0204	.865	.748	213
1000	.000	.0000	.000	.000	213
1200	-1.485	.0367	-1.352	-1.576	204
1500	-3.455	.0758	-3.207	-3.689	128
2000	-6.250	.1010	-6.018	-6.526	57

Table 17. As in Table 13, for Station 4 (P06).

Table 17: STATION MP06 J A N U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.64	.545	9.49	7.40	14
10	8.62	.659	9.50	6.86	14
20	8.62	.659	9.50	6.87	14
30	8.62	.657	9.50	6.89	14
50	8.63	.629	9.52	7.01	14
75	8.08	.547	9.01	7.25	14
100	7.64	.389	8.42	7.12	14
125	7.39	.243	7.91	7.07	14
150	7.25	.234	7.84	6.84	14
175	7.03	.216	7.50	6.63	14
200	6.78	.203	7.17	6.50	14
225	6.52	.162	6.80	6.28	14
250	6.27	.184	6.56	6.01	14
300	5.83	.255	6.21	5.47	14
400	5.19	.277	5.55	4.78	13
500	4.79	.188	5.04	4.41	13
600	4.46	.105	4.65	4.30	12
700	4.19	.095	4.40	4.02	12
800	3.95	.100	4.13	3.77	12
900	3.71	.110	3.87	3.52	12
1000	3.49	.074	3.57	3.38	12
1200	3.06	.053	3.15	2.98	12
1500	2.53	.029	2.58	2.49	8
2000	1.94	.042	2.00	1.90	4

SALINITY

MEAN	S.D.	MAX	MIN	N
32.362	.1184	32.580	32.095	14
32.361	.1111	32.580	32.127	14
32.367	.1142	32.590	32.137	14
32.373	.1091	32.590	32.182	14
32.404	.0999	32.590	32.230	14
32.771	.2465	33.246	32.434	14
33.213	.2731	33.568	32.747	14
33.561	.1763	33.800	33.226	14
33.756	.1142	33.888	33.490	14
33.857	.0616	33.940	33.720	14
33.903	.0366	33.949	33.840	14
33.930	.0285	33.971	33.887	14
33.944	.0282	33.987	33.899	14
33.963	.0244	34.002	33.920	14
34.015	.0302	34.055	33.960	13
34.089	.0297	34.127	34.042	13
34.170	.0265	34.210	34.121	12
34.238	.0269	34.276	34.178	12
34.295	.0262	34.346	34.259	12
34.344	.0239	34.387	34.311	12
34.384	.0250	34.432	34.351	12
34.449	.0229	34.490	34.410	12
34.528	.0081	34.541	34.515	8
34.600	.0063	34.610	34.591	4

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.132	.1335	25.348	24.927	14
10	25.134	.1356	25.349	24.955	14
20	25.139	.1365	25.354	24.958	14
30	25.144	.1355	25.356	24.957	14
50	25.167	.1471	25.489	24.952	14
75	25.536	.2383	25.910	25.133	14
100	25.946	.2371	26.276	25.469	14
125	26.254	.1224	26.477	26.027	14
150	26.427	.0826	26.587	26.252	14
175	26.537	.0480	26.651	26.449	14
200	26.607	.0294	26.680	26.576	14
225	26.663	.0233	26.698	26.624	14
250	26.707	.0224	26.745	26.667	14
300	26.778	.0269	26.823	26.743	14
400	26.895	.0274	26.933	26.854	13
500	27.000	.0279	27.035	26.944	13
600	27.100	.0250	27.131	27.053	12
700	27.183	.0234	27.211	27.131	12
800	27.253	.0198	27.290	27.220	12
900	27.317	.0189	27.347	27.288	12
1000	27.370	.0210	27.411	27.342	12
1200	27.462	.0200	27.502	27.428	12
1500	27.572	.0074	27.586	27.561	8
2000	27.677	.0088	27.688	27.667	4

SVA

MEAN	S.D.	MAX	MIN	N
284.0	12.70	303.6	263.6	14
284.1	12.91	301.1	263.6	14
283.7	13.01	301.0	263.3	14
283.4	12.92	301.3	263.1	14
281.6	14.04	302.1	250.8	14
246.9	22.67	285.2	211.2	14
208.3	22.54	253.7	176.8	14
179.3	11.58	200.8	158.1	14
163.3	7.82	179.8	148.0	14
153.3	4.57	161.5	142.3	14
146.8	2.84	149.9	139.8	14
141.8	2.21	145.6	138.4	14
137.8	2.15	141.7	134.1	14
131.5	2.69	135.0	127.1	14
121.0	2.75	125.2	117.3	13
111.8	2.75	117.3	108.4	13
103.0	2.42	107.5	100.1	12
95.7	2.28	100.7	93.1	12
89.6	1.88	92.7	86.2	12
84.0	1.85	86.7	80.9	12
79.3	2.02	82.0	75.4	12
71.0	1.91	74.2	67.0	12
60.7	.81	61.9	59.3	8
50.7	.98	52.0	49.6	4

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.64	.545	9.49	7.40	14
10	8.62	.659	9.50	6.86	14
20	8.61	.658	9.50	6.87	14
30	8.62	.658	9.50	6.88	14
50	8.62	.628	9.52	7.01	14
75	8.07	.546	9.00	7.24	14
100	7.63	.389	8.41	7.11	14
125	7.38	.244	7.90	7.06	14
150	7.23	.234	7.82	6.82	14
175	7.01	.217	7.48	6.61	14
200	6.76	.202	7.15	6.48	14
225	6.50	.162	6.78	6.26	14
250	6.25	.184	6.53	5.99	14
300	5.80	.254	6.18	5.45	14
400	5.15	.274	5.51	4.75	13
500	4.75	.187	5.00	4.38	13
600	4.42	.106	4.60	4.25	12
700	4.14	.093	4.34	3.97	12
800	3.88	.098	4.06	3.71	12
900	3.64	.110	3.80	3.45	12
1000	3.41	.074	3.50	3.31	12
1200	2.97	.051	3.06	2.90	12
1500	2.42	.031	2.48	2.38	8
2000	1.80	.039	1.86	1.77	4

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
284.0	12.70	303.6	263.6	14
283.9	12.90	300.9	263.5	14
283.4	13.01	300.7	262.9	14
282.9	12.90	300.8	262.7	14
280.7	13.98	301.1	250.1	14
245.6	22.85	283.9	210.0	14
206.6	22.52	251.9	175.2	14
177.3	11.62	198.8	156.1	14
160.8	7.85	177.5	145.6	14
150.4	4.55	158.7	139.6	14
143.7	2.79	146.7	136.8	14
138.4	2.18	142.0	135.0	14
134.2	2.11	138.0	130.6	14
127.4	2.55	130.7	123.2	14
116.2	2.59	120.1	112.6	13
106.2	2.63	111.5	102.9	13
96.7	2.35	101.1	93.8	12
88.8	2.24	93.8	86.1	12
82.1	1.88	85.2	78.6	12
76.0	1.77	78.7	73.2	12
70.9	1.98	73.6	67.1	12
62.1	1.88	65.4	58.4	12
51.6	.74	52.7	50.3	8
41.5	.82	42.5	40.5	4

STATION MP06 J A N U A R Y 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	14
10	.284	.0128	.300	.260	14
20	.568	.0258	.600	.530	14
30	.851	.0383	.900	.790	14
50	1.421	.0635	1.510	1.310	14
75	2.092	.0965	2.220	1.890	14
100	2.659	.1277	2.830	2.370	14
125	3.139	.1525	3.320	2.800	14
150	3.563	.1685	3.760	3.200	14
175	3.959	.1780	4.170	3.580	14
200	4.334	.1843	4.550	3.950	14
225	4.695	.1875	4.920	4.310	14
250	5.041	.1891	5.270	4.660	14
300	5.716	.1883	5.960	5.340	14
400	6.968	.1978	7.240	6.620	13
500	8.131	.1970	8.420	7.790	13
600	9.211	.2113	9.500	8.860	12
700	10.201	.2192	10.520	9.860	12
800	11.126	.2248	11.470	10.800	12
900	11.994	.2293	12.360	11.670	12
1000	12.811	.2371	13.210	12.450	12
1200	14.308	.2615	14.770	13.870	12
1500	16.193	.2393	16.550	15.770	8
2000	18.945	.3621	19.370	18.500	4

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	14
.01	.005	.02	.01	14
.06	.004	.06	.05	14
.13	.007	.14	.12	14
.36	.016	.39	.33	14
.79	.042	.86	.70	14
1.29	.078	1.41	1.13	14
1.84	.117	2.03	1.62	14
2.44	.142	2.64	2.18	14
3.09	.164	3.33	2.81	14
3.81	.175	4.06	3.51	14
4.59	.183	4.85	4.27	14
5.43	.187	5.71	5.10	14
7.32	.184	7.62	7.01	14
11.79	.236	12.19	11.41	13
17.12	.312	17.62	16.58	13
23.16	.433	23.80	22.47	12
29.72	.579	30.69	28.78	12
36.80	.712	38.11	35.70	12
44.31	.831	45.84	42.96	12
52.22	.979	53.98	50.56	12
69.00	1.400	71.46	66.50	12
95.38	1.568	96.74	92.50	8
144.69	2.794	147.30	141.10	4

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1482	2.1	1485	1477	14
1482	2.6	1485	1475	14
1482	2.6	1485	1475	14
1482	2.5	1486	1476	14
1483	2.3	1486	1477	14
1482	2.1	1485	1478	14
1481	1.4	1483	1479	14
1481	1.2	1483	1479	14
1481	1.0	1483	1479	14
1481	.9	1482	1479	14
1480	.9	1482	1479	14
1479	.8	1481	1478	14
1479	.8	1480	1478	14
1478	.9	1479	1476	14
1477	1.1	1478	1475	13
1477	.9	1478	1475	13
1478	.5	1478	1477	12
1478	.4	1479	1477	12
1479	.6	1480	1478	12
1480	.5	1480	1479	12
1480	.5	1481	1480	12
1482	.5	1482	1481	12
1485	.5	1485	1484	8
1490	.5	1491	1490	4

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.811	.2361	13.208	12.454	12
10	12.524	.2291	12.908	12.182	12
20	12.238	.2227	12.607	11.910	12
30	11.952	.2169	12.306	11.638	12
50	11.377	.2086	11.702	11.085	12
75	10.706	.1988	10.990	10.418	12
100	10.150	.1851	10.456	9.846	12
125	9.674	.1787	9.995	9.369	12
150	9.252	.1761	9.570	8.950	12
175	8.859	.1746	9.173	8.567	12
200	8.486	.1724	8.790	8.199	12
225	8.125	.1703	8.421	7.843	12
250	7.775	.1669	8.062	7.500	12
300	7.099	.1594	7.375	6.838	12
400	5.840	.1267	6.083	5.653	12
500	4.676	.1022	4.870	4.524	12
600	3.601	.0792	3.746	3.481	12
700	2.610	.0586	2.704	2.514	12
800	1.684	.0376	1.736	1.623	12
900	.816	.0200	.843	.784	12
1000	.000	.0000	.000	.000	12
1200	-1.498	.0418	-1.420	-1.560	12
1500	-3.435	.0663	-3.311	-3.501	8
2000	-6.214	.1317	-6.043	-6.345	4

STATION MP06 F E B R U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.85	.819	9.25	6.80	14
10	7.83	.823	9.22	6.64	14
20	7.82	.843	9.21	6.61	14
30	7.81	.886	9.24	6.27	14
50	7.80	.911	9.29	6.23	14
75	7.78	.653	8.47	6.16	14
100	7.64	.359	8.24	7.17	14
125	7.45	.380	8.25	7.05	14
150	7.33	.381	8.22	6.89	14
175	7.15	.308	7.72	6.63	14
200	6.91	.273	7.34	6.41	14
225	6.69	.268	7.06	6.17	14
250	6.45	.292	6.90	5.84	14
300	6.03	.323	6.64	5.46	14
400	5.37	.317	5.97	4.74	14
500	4.84	.225	5.23	4.53	14
600	4.45	.125	4.64	4.19	14
700	4.18	.112	4.40	3.99	14
800	3.91	.095	4.10	3.76	14
900	3.68	.065	3.87	3.61	14
1000	3.45	.071	3.66	3.37	14
1200	3.04	.059	3.19	2.97	14
1500	2.51	.035	2.58	2.48	10
2000	1.94	.021	1.96	1.93	2

SALINITY

MEAN	S.D.	MAX	MIN	N
32.354	.1881	32.580	31.790	14
32.354	.1874	32.580	31.790	14
32.362	.1889	32.580	31.790	14
32.374	.1767	32.587	31.833	14
32.456	.0768	32.614	32.344	14
32.910	.3107	33.435	32.440	14
33.373	.2551	33.733	32.878	14
33.616	.1708	33.810	33.322	14
33.783	.0899	33.885	33.588	14
33.862	.0492	33.943	33.756	14
33.897	.0355	33.970	33.840	14
33.921	.0257	33.990	33.887	14
33.934	.0258	34.009	33.901	14
33.963	.0172	34.010	33.934	14
34.020	.0181	34.053	33.995	14
34.078	.0297	34.122	34.035	14
34.147	.0320	34.196	34.099	14
34.221	.0260	34.251	34.171	14
34.279	.0276	34.316	34.237	14
34.333	.0269	34.374	34.288	14
34.378	.0218	34.407	34.336	14
34.443	.0235	34.496	34.406	14
34.511	.0221	34.556	34.476	10
34.587	.0000	34.591	34.583	2

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.240	.1810	25.484	24.843	14
10	25.243	.1805	25.459	24.843	14
20	25.251	.1879	25.519	24.839	14
30	25.262	.1850	25.539	24.870	14
50	25.327	.1389	25.544	25.076	14
75	25.658	.2309	26.045	25.306	14
100	26.072	.1943	26.290	25.596	14
125	26.289	.1315	26.473	26.016	14
150	26.436	.0814	26.560	26.260	14
175	26.524	.0586	26.621	26.411	14
200	26.585	.0422	26.663	26.509	14
225	26.634	.0377	26.713	26.580	14
250	26.675	.0394	26.755	26.619	14
300	26.752	.0439	26.828	26.668	14
400	26.877	.0446	26.949	26.793	14
500	26.985	.0385	27.046	26.934	14
600	27.083	.0304	27.135	27.042	14
700	27.171	.0256	27.209	27.126	14
800	27.245	.0243	27.279	27.212	14
900	27.310	.0235	27.347	27.273	14
1000	27.369	.0193	27.397	27.329	14
1200	27.459	.0192	27.500	27.425	14
1500	27.560	.0181	27.595	27.528	10
2000	27.668	.0058	27.672	27.663	2

SVA

MEAN	S.D.	MAX	MIN	N
273.8	17.22	311.6	250.6	14
273.7	17.18	311.7	253.1	14
273.1	17.91	312.3	247.5	14
272.2	17.63	309.4	245.7	14
266.3	13.29	290.3	243.5	14
232.4	21.81	268.7	198.5	14
196.3	18.42	241.5	175.7	14
176.1	12.45	202.1	158.6	14
162.5	7.79	179.5	150.6	14
154.5	5.62	165.4	145.2	14
149.0	4.08	156.4	141.4	14
144.6	3.67	149.8	136.9	14
140.9	3.87	146.5	133.1	14
134.1	4.34	142.4	126.6	14
122.9	4.50	131.4	115.5	14
113.3	3.85	118.6	107.3	14
104.6	2.98	108.6	99.5	14
96.8	2.48	101.1	93.1	14
90.3	2.36	93.6	87.0	14
84.5	2.25	88.0	81.0	14
79.2	1.90	83.2	76.4	14
71.1	1.81	74.5	67.4	14
61.8	1.68	64.9	58.6	10
51.7	.71	52.2	51.2	2

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.85	.819	9.25	6.80	14
10	7.83	.823	9.22	6.64	14
20	7.82	.843	9.21	6.61	14
30	7.81	.886	9.24	6.27	14
50	7.80	.909	9.28	6.23	14
75	7.77	.653	8.46	6.15	14
100	7.63	.359	8.23	7.16	14
125	7.44	.380	8.24	7.04	14
150	7.32	.380	8.20	6.88	14
175	7.13	.308	7.70	6.61	14
200	6.89	.274	7.32	6.39	14
225	6.67	.268	7.04	6.15	14
250	6.42	.294	6.88	5.81	14
300	6.00	.324	6.61	5.43	14
400	5.34	.315	5.93	4.71	14
500	4.80	.225	5.19	4.49	14
600	4.40	.125	4.59	4.14	14
700	4.12	.112	4.34	3.94	14
800	3.85	.095	4.04	3.70	14
900	3.62	.065	3.80	3.55	14
1000	3.38	.072	3.59	3.29	14
1200	2.95	.061	3.11	2.88	14
1500	2.41	.037	2.48	2.37	10
2000	1.81	.021	1.82	1.79	2

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
273.8	17.22	311.6	250.6	14
273.6	17.18	311.6	253.0	14
272.8	17.87	312.0	247.2	14
271.8	17.59	309.0	245.4	14
265.5	13.20	289.4	244.9	14
231.2	21.94	267.4	197.2	14
194.7	18.45	239.8	173.9	14
174.0	12.47	199.9	156.6	14
160.0	7.74	176.7	148.2	14
151.6	5.56	162.4	142.4	14
145.8	4.99	153.0	138.4	14
141.2	3.55	146.2	133.7	14
137.3	3.74	142.6	129.7	14
129.6	4.14	137.8	122.7	14
117.9	4.21	125.9	111.2	14
107.6	3.64	112.5	101.9	14
98.3	2.88	102.2	93.4	14
90.0	2.59	94.2	86.4	14
82.9	2.30	86.0	79.7	14
76.6	2.23	80.2	73.1	14
71.0	1.81	74.5	68.4	14
62.4	1.81	65.7	58.5	14
52.8	1.71	55.8	49.4	10
42.5	.64	42.9	42.0	2

STATION MP06 F E B R U A R Y 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	14
10	.273	.0173	.310	.250	14
20	.549	.0345	.630	.510	14
30	.821	.0517	.930	.750	14
50	1.361	.0788	1.520	1.250	14
75	1.997	.0968	2.170	1.860	14
100	2.526	.1143	2.760	2.380	14
125	2.991	.1444	3.280	2.820	14
150	3.413	.1625	3.730	3.230	14
175	3.808	.1754	4.150	3.610	14
200	4.187	.1832	4.540	3.990	14
225	4.553	.1891	4.910	4.350	14
250	4.909	.1937	5.270	4.700	14
300	5.598	.1989	5.960	5.380	14
400	6.879	.2030	7.230	6.640	14
500	8.061	.2157	8.410	7.760	14
600	9.147	.2289	9.520	8.790	14
700	10.156	.2391	10.550	9.770	14
800	11.089	.2502	11.490	10.670	14
900	11.964	.2636	12.390	11.510	14
1000	12.781	.2744	13.220	12.300	14
1200	14.278	.2903	14.750	13.760	14
1500	16.227	.3353	16.780	15.710	10
2000	19.275	.0352	19.300	19.250	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	14
.01	.003	.02	.01	14
.06	.005	.06	.05	14
.12	.007	.14	.12	14
.35	.019	.38	.31	14
.75	.035	.83	.71	14
1.22	.068	1.35	1.15	14
1.75	.111	1.95	1.63	14
2.34	.140	2.60	2.17	14
3.00	.164	3.31	2.79	14
3.72	.184	4.08	3.47	14
4.52	.198	4.91	4.23	14
5.38	.214	5.80	5.04	14
7.30	.249	7.80	6.85	14
11.87	.339	12.45	11.20	14
17.29	.490	18.01	16.33	14
23.37	.650	24.30	22.13	14
30.04	.800	31.11	28.57	14
37.19	.962	38.38	35.47	14
44.76	1.151	46.19	42.74	14
52.68	1.305	54.29	50.42	14
69.45	1.633	71.32	66.72	10
96.77	2.470	99.34	93.40	2
149.15	.064	149.19	149.10	2

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.79	.226	6.95	6.63	2
10	6.80	.212	6.95	6.65	2
20	6.78	.205	6.93	6.64	2
30	6.77	.163	6.88	6.65	2
50	6.68	.255	6.86	6.50	2
75	4.69	1.259	5.58	3.80	2
100	3.44	1.011	4.15	2.72	2
125	3.11	.594	3.53	2.69	2
150	2.75	.134	2.84	2.65	2
175	2.54	.099	2.61	2.47	2
200	2.53	.148	2.63	2.42	2
225	2.52	.014	2.53	2.51	2
250	2.51	.113	2.59	2.43	2
300	2.20	.099	2.27	2.13	2
400	1.60	.177	1.72	1.47	2
500	.95	.184	1.08	.82	2
600	.70	.028	.72	.68	2
700	.53	.021	.54	.51	2
800	.36	.064	.41	.32	2
900	.34	.071	.39	.29	2
1000	.32	.071	.37	.27	2
1200	.38	.021	.39	.36	2
1500	.69	.000	.69	.69	2
2000	1.43	.028	1.45	1.41	2

SOUND

MEAN	S.D.	MAX	MIN	N
1479	3.2	1484	1475	14
1479	3.3	1484	1474	14
1479	3.2	1484	1475	14
1479	3.5	1485	1473	14
1480	3.6	1485	1473	14
1481	2.6	1483	1474	14
1481	1.4	1483	1479	14
1481	1.6	1484	1479	14
1481	1.7	1485	1479	14
1481	1.2	1483	1479	14
1481	1.0	1482	1479	14
1481	1.1	1482	1478	14
1480	1.3	1481	1477	14
1479	1.4	1481	1476	14
1479	1.4	1480	1475	14
1478	1.0	1479	1476	14
1477	.6	1478	1476	14
1477	.6	1479	1477	14
1478	.5	1479	1478	14
1479	.4	1480	1479	14
1479	.3	1481	1480	14
1480	.4	1482	1481	14
1482	.5	1485	1484	10
1484	.7	1491	1490	2
1491				

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.781	.2730	13.216	12.302	14
10	12.507	.2777	12.957	11.990	14
20	12.233	.2841	12.699	11.675	14
30	11.960	.2902	12.440	11.367	14
50	11.419	.2948	11.923	10.780	14
75	10.783	.2775	11.268	10.207	14
100	10.255	.2609	10.643	9.755	14
125	9.790	.2512	10.134	9.327	14
150	9.370	.2429	9.723	8.944	14
175	8.973	.2374	9.323	8.573	14
200	8.595	.2310	8.939	8.215	14
225	8.228	.2252	8.566	7.867	14
250	7.872	.2179	8.198	7.530	14
300	7.184	.1989	7.474	6.883	14
400	5.903	.1605	6.111	5.664	14
500	4.720	.1230	4.881	4.544	14
600	3.634	.0913	3.751	3.502	14
700	2.627	.0653	2.708	2.535	14
800	1.692	.0424	1.745	1.633	14
900	.818	.0196	.852	.792	14
1000	.000	.0000	.000	.000	14
1200	-1.497	.0372	-1.442	-1.567	14
1500	-3.492	.0974	-3.321	-3.647	10
2000	-6.364	.0163	-6.352	-6.375	2

STATION MP06 M A R C H 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.81	.937	10.11	6.87	17
10	8.80	.942	10.11	6.87	17
20	8.78	.947	10.11	6.84	17
30	8.77	.943	10.11	6.84	17
50	8.75	.945	10.12	6.79	17
75	8.74	.928	10.13	6.80	17
100	8.47	.910	10.14	6.99	17
125	8.23	.967	10.31	7.06	17
150	8.14	1.058	10.18	7.13	17
175	7.81	.910	9.53	6.72	17
200	7.47	.791	8.97	6.51	17
225	7.20	.720	8.48	6.21	17
250	6.92	.619	8.04	5.98	17
300	6.40	.527	7.39	5.62	17
400	5.56	.419	6.49	5.01	17
500	4.99	.252	5.58	4.65	17
600	4.51	.152	4.88	4.28	17
700	4.21	.072	4.34	4.08	17
800	3.96	.052	4.03	3.84	17
900	3.68	.067	3.81	3.52	17
1000	3.46	.043	3.55	3.39	16
1200	3.03	.053	3.13	2.96	14
1500	2.49	.040	2.54	2.47	3
2000	1.93	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.364	.3777	32.690	30.974	17
32.371	.3759	32.710	30.978	17
32.435	.1743	32.720	31.898	17
32.461	.1142	32.728	32.300	17
32.496	.1268	32.831	32.378	17
32.796	.3730	33.630	32.426	17
33.241	.4555	33.860	32.472	17
33.443	.4772	33.996	32.445	17
33.648	.3665	34.060	32.858	17
33.806	.1826	34.079	33.436	17
33.882	.1267	34.100	33.597	17
33.927	.0817	34.100	33.755	17
33.961	.0550	34.110	33.868	17
33.990	.0411	34.120	33.941	17
34.038	.0411	34.149	33.960	17
34.098	.0449	34.198	34.033	17
34.163	.0419	34.243	34.069	17
34.239	.0353	34.318	34.190	17
34.299	.0326	34.360	34.256	17
34.340	.0373	34.419	34.279	17
34.385	.0341	34.463	34.353	16
34.453	.0264	34.508	34.427	14
34.509	.0044	34.516	34.503	3
34.604	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.105	.3172	25.389	24.046	17
10	25.112	.3217	25.449	24.045	17
20	25.165	.2042	25.478	24.758	17
30	25.187	.1769	25.485	24.908	17
50	25.217	.1832	25.552	24.934	17
75	25.453	.3695	26.197	24.955	17
100	25.842	.4702	26.407	25.063	17
125	26.037	.4970	26.539	25.152	17
150	26.209	.4378	26.613	25.347	17
175	26.383	.2715	26.675	25.872	17
200	26.492	.2071	26.738	26.080	17
225	26.566	.1595	26.773	26.253	17
250	26.632	.1193	26.807	26.401	17
300	26.724	.0844	26.865	26.567	17
400	26.869	.0656	26.965	26.749	17
500	26.984	.0575	27.065	26.866	17
600	27.089	.0408	27.154	27.012	17
700	27.182	.0323	27.248	27.133	17
800	27.256	.0271	27.310	27.214	17
900	27.317	.0275	27.379	27.283	17
1000	27.373	.0261	27.433	27.347	16
1200	27.468	.0188	27.502	27.447	14
1500	27.560	.0038	27.567	27.555	3
2000	27.682	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
286.7	30.18	387.5	259.7	17
286.1	30.64	387.8	254.1	17
281.3	19.45	320.0	251.5	17
279.4	16.87	306.0	251.0	17
276.8	17.51	303.9	244.9	17
254.8	35.20	302.4	184.1	17
218.3	44.77	292.5	164.6	17
200.2	47.36	284.5	152.5	17
184.2	41.80	266.5	145.8	17
168.0	26.04	217.0	140.2	17
158.0	19.92	197.6	134.6	17
151.2	15.41	181.4	131.5	17
145.3	11.60	167.7	128.5	17
136.9	8.32	152.5	123.5	17
123.8	6.52	136.0	114.5	17
113.6	5.65	125.4	105.9	17
104.1	3.97	111.8	98.0	17
95.9	3.08	100.5	89.6	17
89.4	2.56	93.4	84.2	17
83.9	2.53	86.7	78.1	17
78.9	2.40	81.4	73.4	16
70.3	1.69	72.2	67.4	14
61.8	.71	62.4	61.0	3
50.3	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.81	.937	10.11	6.87	17
10	8.80	.942	10.11	6.87	17
20	8.78	.947	10.11	6.84	17
30	8.77	.943	10.11	6.84	17
50	8.74	.943	10.11	6.79	17
75	8.73	.929	10.12	6.79	17
100	8.46	.909	10.13	6.98	17
125	8.22	.967	10.30	7.05	17
150	8.12	1.056	10.16	7.11	17
175	7.79	.908	9.51	6.70	17
200	7.45	.791	8.95	6.49	17
225	7.18	.720	8.46	6.19	17
250	6.89	.615	8.01	5.96	17
300	6.37	.526	7.36	5.60	17
400	5.52	.418	6.45	4.97	17
500	4.95	.252	5.54	4.61	17
600	4.46	.151	4.83	4.24	17
700	4.16	.072	4.29	4.03	17
800	3.90	.052	3.97	3.78	17
900	3.61	.068	3.74	3.45	17
1000	3.39	.041	3.47	3.32	16
1200	2.95	.051	3.05	2.88	14
1500	2.39	.040	2.44	2.37	3
2000	1.79	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
286.7	30.18	387.5	259.7	17
286.0	30.63	387.6	253.9	17
280.9	19.43	319.7	251.2	17
278.8	16.84	305.4	250.4	17
275.9	17.42	302.9	244.1	17
253.4	35.14	300.9	192.7	17
216.4	44.69	290.4	162.8	17
197.9	47.22	281.9	150.2	17
181.5	41.57	263.4	143.2	17
164.9	25.76	213.4	137.2	17
154.6	19.63	193.7	131.3	17
147.5	15.11	177.2	127.9	17
141.3	11.29	163.1	124.7	17
132.5	8.00	147.4	119.2	17
118.7	6.21	130.0	109.6	17
107.7	5.42	118.9	100.0	17
97.7	3.86	105.0	91.6	17
88.9	3.03	93.5	82.6	17
81.9	2.57	85.8	76.7	17
76.0	2.61	79.2	70.1	17
70.6	2.46	73.1	65.0	16
61.5	1.77	63.5	58.3	14
52.8	.62	53.3	52.1	3
41.1	n/a	n/a	n/a	1

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	17
10	.288	.0301	.390	.260	17
20	.571	.0586	.760	.510	17
30	.851	.0716	1.060	.760	17
50	1.411	.0986	1.636	1.260	17
75	2.081	.1509	2.290	1.800	17
100	2.668	.2396	3.010	2.230	17
125	3.191	.3424	3.730	2.630	17
150	3.671	.4479	4.430	3.000	17
175	4.109	.5286	5.030	3.350	17
200	4.515	.5795	5.520	3.700	17
225	4.901	.6213	6.000	4.030	17
250	5.271	.6525	6.420	4.350	17
300	5.976	.6955	7.170	4.980	17
400	7.275	.7518	8.580	6.180	17
500	8.461	.8003	9.830	7.290	17
600	9.551	.8415	11.000	8.300	17
700	10.549	.8709	12.060	9.240	17
800	11.472	.8931	13.010	10.100	17
900	12.341	.9151	13.910	10.910	17
1000	13.054	.8651	14.740	11.670	16
1200	14.556	.9590	16.270	13.070	14
1500	16.323	.2310	16.590	16.190	3
2000	19.410	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	17
.01	.004	.02	.01	17
.06	.007	.08	.05	17
.13	.009	.15	.12	17
.36	.022	.39	.32	17
.78	.062	.87	.66	17
1.31	.149	1.53	1.04	17
1.90	.274	2.35	1.49	17
2.58	.430	3.32	2.01	17
3.30	.566	4.32	2.60	17
4.08	.669	5.28	3.26	17
4.92	.761	6.31	3.98	17
5.81	.838	7.34	4.77	17
7.78	.961	9.45	6.53	17
12.41	1.177	14.51	10.80	17
17.85	1.428	20.52	15.85	17
23.95	1.678	27.19	21.53	17
30.56	1.885	34.18	27.77	17
37.62	2.075	41.47	34.36	17
45.14	2.278	49.16	41.38	17
52.75	2.271	56.92	48.70	16
69.41	2.826	74.06	64.42	14
96.96	1.695	98.58	95.20	3
148.73	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.58	.262	6.76	6.39	2
10	6.59	.205	6.74	6.45	2
20	6.57	.269	6.76	6.38	2
30	6.55	.304	6.76	6.33	2
50	6.46	.255	6.64	6.28	2
75	5.84	.792	6.40	5.28	2
100	5.10	1.782	6.36	3.84	2
125	4.55	1.860	5.86	3.23	2
150	3.73	1.230	4.60	2.86	2
175	3.11	.721	3.62	2.60	2
200	2.98	.375	3.24	2.71	2
225	2.80	.262	2.99	2.62	2
250	2.74	.297	2.95	2.53	2
300	2.40	.332	2.63	2.16	2
400	1.78	.085	1.84	1.72	2
500	1.15	.170	1.27	1.03	2
600	.73	.127	.82	.64	2
700	.45	.057	.49	.41	2
800	.35	.042	.38	.32	2
900	.32	.085	.38	.26	2
1000	.39	n/a	n/a	n/a	1
1200	.47	n/a	n/a	n/a	1
1500	.83	n/a	n/a	n/a	1
2000	1.39	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1482	3.6	1488	1475	17
1483	3.6	1488	1475	17
1483	3.7	1488	1475	17
1483	3.5	1488	1476	17
1483	3.5	1489	1476	17
1484	3.5	1489	1476	17
1484	3.0	1489	1478	17
1484	3.3	1491	1479	17
1484	3.7	1491	1480	17
1483	3.3	1490	1479	17
1483	2.9	1488	1479	17
1482	2.8	1487	1478	17
1481	2.4	1486	1478	17
1480	2.1	1484	1477	17
1479	1.7	1482	1476	17
1478	.9	1480	1477	17
1478	.6	1479	1477	17
1478	.3	1479	1478	17
1479	.2	1479	1478	17
1479	.4	1480	1479	17
1480	.3	1481	1480	16
1482	.5	1482	1481	14
1484	.6	1485	1484	3
1490	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.055	.8643	14.739	11.671	16
10	12.768	.8520	14.436	11.411	16
20	12.484	.8385	14.132	11.159	16
30	12.204	.8247	13.828	10.908	16
50	11.647	.7976	13.219	10.407	16
75	10.980	.7475	12.463	9.868	16
100	10.403	.6640	11.727	9.439	16
125	9.893	.5657	11.007	9.045	16
150	9.424	.4716	10.313	8.674	16
175	8.993	.4046	9.712	8.316	16
200	8.594	.3626	9.223	7.972	16
225	8.213	.3291	8.773	7.641	16
250	7.846	.3033	8.353	7.316	16
300	7.148	.2629	7.572	6.686	16
400	5.856	.1985	6.160	5.488	16
500	4.677	.1479	4.905	4.385	16
600	3.596	.1079	3.760	3.371	16
700	2.601	.0775	2.710	2.429	16
800	1.679	.0496	1.740	1.567	16
900	.811	.0237	.839	.756	16
1000	.000	.0000	.000	.000	16
1200	-1.487	.0452	-1.403	-1.536	14
1500	-3.508	.0415	-3.466	-3.549	3
2000	-6.373	n/a	n/a	n/a	1

STATION MP06 A P R I L 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.21	.908	9.94	7.02	13
10	8.22	.941	9.95	7.01	13
20	8.14	.929	9.88	6.97	13
30	8.01	.853	9.73	6.90	13
50	7.94	.869	9.71	6.85	13
75	7.80	.872	9.69	6.59	13
100	7.81	.623	9.32	6.96	13
125	7.77	.449	8.60	7.12	13
150	7.44	.400	8.49	6.83	13
175	7.15	.366	8.16	6.71	13
200	6.85	.381	7.81	6.38	13
225	6.54	.384	7.54	6.00	13
250	6.29	.324	7.04	5.80	13
300	5.85	.361	6.71	5.31	13
400	5.14	.247	5.71	4.80	12
500	4.81	.154	5.21	4.64	12
600	4.43	.090	4.62	4.31	12
700	4.09	.093	4.22	3.86	12
800	3.84	.082	3.95	3.68	12
900	3.61	.081	3.69	3.46	12
1000	3.40	.083	3.51	3.26	12
1200	2.99	.075	3.08	2.87	12
1500	2.49	.052	2.55	2.39	11
2000	1.93	.028	1.96	1.90	5

SALINITY

MEAN	S.D.	MAX	MIN	N
32.265	.2480	32.450	31.672	13
32.371	.3374	32.450	31.772	13
32.301	.1882	32.452	31.896	13
32.385	.1092	32.470	32.105	13
32.434	.0841	32.549	32.199	13
32.650	.2121	33.066	32.433	13
33.142	.2836	33.584	32.638	13
33.522	.2577	33.746	32.922	13
33.756	.0897	33.823	33.570	13
33.862	.0461	33.930	33.764	13
33.905	.0333	33.952	33.867	13
33.926	.0337	33.974	33.889	13
33.938	.0344	33.998	33.898	13
33.959	.0373	34.010	33.901	13
34.020	.0334	34.060	33.945	12
34.103	.0182	34.136	34.077	12
34.183	.0213	34.216	34.140	12
34.243	.0346	34.276	34.173	12
34.306	.0319	34.344	34.254	12
34.353	.0253	34.387	34.310	12
34.396	.0228	34.426	34.354	12
34.459	.0214	34.487	34.426	12
34.523	.0131	34.539	34.505	11
34.601	.0022	34.604	34.597	5

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.118	.2887	25.410	24.521	13
10	25.121	.2829	25.431	24.595	13
20	25.156	.2426	25.441	24.690	13
30	25.242	.1474	25.434	24.956	13
50	25.290	.1465	25.512	25.023	13
75	25.479	.2018	25.858	25.249	13
100	25.865	.2648	26.232	25.464	13
125	26.169	.2331	26.393	25.700	13
150	26.401	.0924	26.519	26.259	13
175	26.523	.0611	26.599	26.380	13
200	26.599	.0433	26.643	26.498	13
225	26.657	.0389	26.699	26.557	13
250	26.699	.0348	26.741	26.606	13
300	26.772	.0310	26.807	26.690	13
400	26.904	.0273	26.948	26.861	12
500	27.009	.0238	27.049	26.954	12
600	27.114	.0213	27.146	27.059	12
700	27.198	.0219	27.227	27.150	12
800	27.273	.0219	27.301	27.228	12
900	27.334	.0171	27.360	27.301	12
1000	27.388	.0167	27.414	27.358	12
1200	27.477	.0171	27.501	27.442	12
1500	27.572	.0112	27.586	27.553	11
2000	27.680	.0037	27.684	27.677	5

SVA

MEAN	S.D.	MAX	MIN	N
285.5	27.47	342.3	257.7	13
285.4	26.92	335.3	255.8	13
282.2	23.10	326.5	255.0	13
274.1	14.08	301.3	255.7	13
269.8	14.01	295.2	248.6	13
252.3	19.22	274.5	216.2	13
216.0	25.20	254.5	181.5	13
187.5	22.15	232.0	166.5	13
165.9	8.83	179.6	154.5	13
154.5	5.91	168.5	147.2	13
147.6	4.22	157.6	143.3	13
142.4	3.87	152.3	138.1	13
138.6	3.40	147.7	134.7	13
132.1	3.11	140.4	128.5	13
120.2	2.71	124.8	115.7	12
111.0	2.40	116.7	107.1	12
101.7	2.09	107.1	98.5	12
94.2	2.00	98.6	91.4	12
87.6	2.01	91.9	84.9	12
82.1	1.59	85.4	79.5	12
77.3	1.63	80.5	74.6	12
69.4	1.54	72.8	66.8	12
60.6	1.10	62.7	58.9	11
50.5	.39	50.9	50.0	5

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.21	.908	9.94	7.02	13
10	8.22	.942	9.95	7.01	13
20	8.14	.929	9.88	6.97	13
30	8.01	.853	9.73	6.90	13
50	7.94	.866	9.70	6.85	13
75	7.80	.872	9.68	6.58	13
100	7.80	.622	9.31	6.95	13
125	7.76	.449	8.59	7.11	13
150	7.42	.401	8.47	6.81	13
175	7.13	.366	8.14	6.69	13
200	6.83	.380	7.79	6.38	13
225	6.52	.384	7.52	5.98	13
250	6.27	.323	7.02	5.78	13
300	5.82	.362	6.68	5.28	13
400	5.11	.250	5.68	4.76	12
500	4.77	.154	5.17	4.60	12
600	4.38	.087	4.57	4.27	12
700	4.04	.093	4.17	3.81	12
800	3.78	.082	3.89	3.62	12
900	3.54	.077	3.62	3.40	12
1000	3.33	.082	3.44	3.19	12
1200	2.91	.071	2.99	2.79	12
1500	2.39	.053	2.45	2.29	11
2000	1.79	.026	1.82	1.76	5

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
285.5	27.47	342.3	257.7	13
285.2	26.94	335.2	255.6	13
281.8	23.10	326.5	254.7	13
273.6	14.03	300.8	255.3	13
269.0	13.94	294.4	247.9	13
251.0	19.15	272.8	215.0	13
214.3	25.18	252.4	179.4	13
185.4	22.13	229.9	164.1	13
163.3	8.77	176.7	152.1	13
151.7	5.79	165.2	144.5	13
144.5	4.07	154.0	140.3	13
139.0	3.69	148.4	135.0	13
135.0	3.27	143.7	131.0	13
128.0	2.91	135.7	124.7	13
115.4	2.58	119.5	111.2	12
105.4	2.25	110.6	101.6	12
95.4	2.02	100.6	92.3	12
87.4	2.11	92.9	84.6	12
80.2	2.08	84.5	77.5	12
74.4	1.65	77.6	71.9	12
69.2	1.61	72.1	66.8	12
60.8	1.55	64.0	58.5	12
51.7	1.02	53.5	50.3	11
41.3	.29	41.5	40.9	5

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	13
10	.287	.0278	.340	.260	13
20	.572	.0521	.670	.520	13
30	.856	.0696	.970	.770	13
50	1.395	.0912	1.540	1.280	13
75	2.055	.1205	2.220	1.900	13
100	2.639	.1622	2.880	2.430	13
125	3.142	.2105	3.460	2.870	13
150	3.580	.2432	3.950	3.270	13
175	3.979	.2569	4.370	3.650	13
200	4.355	.2660	4.760	4.020	13
225	4.718	.2722	5.120	4.370	13
250	5.070	.2785	5.480	4.710	13
300	5.745	.2903	6.170	5.370	13
400	6.998	.3227	7.500	6.610	12
500	8.148	.3454	8.700	7.750	12
600	9.210	.3587	9.810	8.790	12
700	10.188	.3722	10.840	9.740	12
800	11.098	.3864	11.790	10.620	12
900	11.946	.4000	12.680	11.450	12
1000	12.742	.4086	13.500	12.230	12
1200	14.206	.4308	15.040	13.670	12
1500	16.157	.4748	17.060	15.580	11
2000	18.952	.3114	19.400	18.550	5

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	13
.01	.005	.02	.01	13
.06	.008	.07	.05	13
.13	.009	.14	.12	13
.35	.020	.39	.32	13
.77	.040	.84	.71	13
1.30	.083	1.41	1.17	13
1.87	.147	2.08	1.67	13
2.48	.191	2.76	2.24	13
3.14	.215	3.46	2.87	13
3.86	.233	4.19	3.57	13
4.65	.252	5.02	4.33	13
5.50	.268	5.92	5.16	13
7.39	.307	7.94	7.01	13
11.88	.398	12.64	11.42	12
17.16	.501	18.15	16.52	12
23.11	.594	24.38	22.34	12
29.59	.709	31.20	28.63	12
36.53	.830	38.47	35.38	12
43.87	.960	46.14	42.52	12
51.59	1.084	54.16	50.13	12
67.97	1.424	71.35	66.16	12
94.76	1.933	99.10	92.45	11
143.70	1.728	145.97	141.38	5

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.72	.064	6.76	6.67	2
10	6.82	.042	6.85	6.79	2
20	6.63	.325	6.86	6.40	2
30	6.58	.368	6.84	6.32	2
50	6.49	.233	6.65	6.32	2
75	6.36	.057	6.40	6.32	2
100	4.99	.622	5.43	4.55	2
125	3.62	.035	3.64	3.59	2
150	3.72	.240	3.89	3.55	2
175	3.54	.297	3.75	3.33	2
200	3.47	.078	3.52	3.41	2
225	3.22	.049	3.25	3.18	2
250	2.95	.092	3.01	2.88	2
300	2.29	.297	2.50	2.08	2
400	1.43	.269	1.62	1.24	2
500	.78	.035	.81	.76	2
600	.47	.049	.51	.44	2
700	.39	.035	.41	.36	2
800	.34	.035	.36	.31	2
900	.36	.127	.45	.27	2
1000	.37	.184	.50	.24	2
1200	.44	.156	.55	.33	2
1500	.78	.205	.93	.64	2
2000	1.44	.092	1.51	1.38	2

SOUND

MEAN	S.D.	MAX	MIN	N
1480	3.3	1487	1476	13
1480	3.4	1487	1476	13
1480	3.5	1487	1476	13
1480	3.5	1487	1476	13
1480	3.3	1487	1476	13
1480	3.5	1488	1475	13
1481	2.4	1487	1478	13
1482	1.6	1485	1480	13
1482	1.7	1486	1479	13
1481	1.6	1485	1479	13
1480	1.6	1484	1478	13
1479	1.5	1483	1477	13
1479	1.4	1482	1477	13
1478	1.3	1481	1476	13
1477	1.0	1479	1475	12
1477	.8	1479	1476	12
1477	.5	1478	1477	12
1478	.5	1478	1477	12
1478	.5	1479	1478	12
1479	.4	1479	1478	12
1480	.5	1480	1479	12
1482	.5	1482	1481	12
1484	.5	1485	1484	11
1490	.5	1491	1490	5

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.742	.4082	13.504	12.235	12
10	12.456	.3868	13.205	11.971	12
20	12.171	.3669	12.907	11.707	12
30	11.893	.3531	12.613	11.446	12
50	11.348	.3356	12.028	10.946	12
75	10.690	.3017	11.298	10.335	12
100	10.105	.2574	10.665	9.777	12
125	9.610	.2140	10.127	9.337	12
150	9.175	.1885	9.652	8.933	12
175	8.775	.1730	9.219	8.550	12
200	8.398	.1630	8.812	8.181	12
225	8.036	.1550	8.425	7.826	12
250	7.685	.1466	8.050	7.486	12
300	7.008	.1330	7.331	6.825	12
400	5.746	.1111	6.009	5.590	12
500	4.594	.0906	4.808	4.470	12
600	3.532	.0721	3.696	3.438	12
700	2.553	.0532	2.666	2.475	12
800	1.645	.0336	1.715	1.592	12
900	.797	.0158	.829	.770	12
1000	.000	.0000	.000	.000	12
1200	-1.462	.0348	-1.406	-1.534	12
1500	-3.411	.0723	-3.291	-3.555	11
2000	-6.160	.0945	-6.018	-6.256	5

STATION MP06 M A Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.07	.892	11.80	8.44	46
10	9.93	.853	11.78	8.33	46
20	9.62	.829	11.57	7.91	46
30	9.20	.871	10.95	7.70	46
50	8.35	.757	10.83	7.00	46
75	7.88	.654	9.25	6.68	46
100	7.77	.512	8.74	6.29	46
125	7.53	.319	8.19	6.77	46
150	7.35	.239	7.90	6.82	46
175	7.11	.251	7.81	6.62	46
200	6.84	.255	7.64	6.25	46
225	6.59	.274	7.51	5.94	46
250	6.32	.295	7.34	5.82	46
300	5.86	.288	6.89	5.36	46
400	5.16	.250	5.89	4.67	45
500	4.71	.205	5.10	4.30	43
600	4.39	.153	4.66	4.07	42
700	4.10	.126	4.31	3.83	42
800	3.85	.110	4.04	3.61	42
900	3.63	.099	3.81	3.40	42
1000	3.41	.088	3.56	3.16	42
1200	3.01	.079	3.13	2.71	40
1500	2.49	.068	2.62	2.35	25
2000	1.93	.033	2.02	1.88	13

SALINITY

MEAN	S.D.	MAX	MIN	N
32.055	.3061	32.452	31.196	46
32.069	.2841	32.453	31.326	46
32.179	.2203	32.580	31.500	46
32.281	.1700	32.660	31.980	46
32.453	.1341	32.750	32.055	46
32.720	.2264	33.313	32.396	46
33.227	.2861	33.692	32.603	46
33.578	.1699	33.796	33.186	46
33.770	.0842	33.896	33.570	46
33.863	.0415	33.960	33.773	46
33.904	.0318	33.990	33.847	46
33.929	.0293	34.020	33.866	46
33.942	.0268	34.030	33.880	46
33.969	.0298	34.030	33.890	46
34.021	.0273	34.079	33.943	45
34.097	.0263	34.148	34.016	43
34.174	.0257	34.222	34.102	42
34.242	.0231	34.280	34.189	42
34.302	.0223	34.338	34.255	42
34.351	.0174	34.388	34.300	42
34.391	.0175	34.438	34.346	42
34.452	.0157	34.487	34.414	40
34.517	.0186	34.565	34.480	25
34.596	.0119	34.614	34.564	13

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.664	.3024	25.178	24.009	46
10	24.699	.2839	25.180	24.092	46
20	24.833	.2352	25.256	24.276	46
30	24.981	.2108	25.340	24.560	46
50	25.245	.1661	25.514	24.775	46
75	25.524	.2043	26.012	25.114	46
100	25.938	.2308	26.240	25.411	46
125	26.248	.1308	26.439	25.944	46
150	26.424	.0705	26.532	26.294	46
175	26.530	.0467	26.606	26.433	46
200	26.599	.0416	26.677	26.476	46
225	26.653	.0384	26.724	26.521	46
250	26.698	.0368	26.762	26.557	46
300	26.777	.0305	26.829	26.656	46
400	26.903	.0297	26.961	26.789	45
500	27.014	.0243	27.058	26.938	43
600	27.111	.0210	27.142	27.066	42
700	27.196	.0175	27.226	27.160	42
800	27.268	.0168	27.306	27.226	42
900	27.330	.0136	27.362	27.304	42
1000	27.383	.0148	27.414	27.352	42
1200	27.469	.0129	27.493	27.436	40
1500	27.567	.0145	27.600	27.539	25
2000	27.675	.0094	27.691	27.654	13

SVA

MEAN	S.D.	MAX	MIN	N
328.7	28.81	391.1	279.7	46
325.6	27.04	383.4	279.7	46
312.9	22.42	366.0	272.6	46
298.0	20.11	339.2	264.7	46
274.1	15.84	319.0	248.5	46
248.0	19.44	287.1	201.6	46
209.0	21.91	259.1	180.5	46
180.0	12.41	208.9	161.8	46
163.6	6.71	175.9	153.2	46
153.9	4.48	163.3	146.6	46
147.6	4.03	159.6	140.1	46
142.7	3.74	155.7	135.8	46
138.7	3.61	152.6	132.3	46
131.6	3.02	143.7	126.4	46
120.3	2.97	131.7	114.4	45
110.4	2.46	118.1	105.9	43
101.9	2.07	106.4	98.8	42
94.4	1.72	97.7	91.1	42
88.0	1.63	92.2	84.1	42
82.6	1.38	85.3	79.3	42
77.9	1.48	80.8	75.1	42
70.1	1.29	73.3	68.0	40
61.1	1.39	63.9	58.2	25
50.9	.87	52.6	49.5	13

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.07	.892	11.80	8.44	46
10	9.93	.854	11.78	8.33	46
20	9.62	.829	11.57	7.91	46
30	9.20	.871	10.95	7.70	46
50	8.35	.753	10.82	7.00	46
75	7.87	.653	9.24	6.67	46
100	7.76	.511	8.73	6.28	46
125	7.52	.319	8.17	6.75	46
150	7.34	.238	7.88	6.80	46
175	7.09	.251	7.79	6.60	46
200	6.82	.255	7.62	6.23	46
225	6.57	.274	7.49	5.92	46
250	6.30	.294	7.32	5.80	46
300	5.83	.287	6.86	5.33	46
400	5.13	.250	5.86	4.64	45
500	4.67	.204	5.06	4.26	43
600	4.34	.152	4.61	4.03	42
700	4.04	.125	4.26	3.78	42
800	3.79	.110	3.98	3.55	42
900	3.56	.098	3.74	3.34	42
1000	3.34	.087	3.48	3.09	42
1200	2.92	.077	3.04	2.63	40
1500	2.39	.066	2.52	2.25	25
2000	1.79	.033	1.88	1.74	13

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
328.7	28.81	391.1	279.7	46
325.4	27.03	383.2	279.6	46
312.5	22.40	365.6	272.3	46
298.5	20.07	338.5	264.2	46
273.3	15.79	317.9	247.7	46
246.7	19.42	285.7	200.3	46
207.3	21.92	257.5	178.7	46
177.9	12.44	206.8	159.7	46
161.1	6.69	173.5	150.8	46
151.0	4.42	160.2	143.8	46
144.4	3.95	156.2	137.1	46
139.3	3.62	151.8	132.6	46
135.1	3.48	148.4	129.0	46
127.5	2.87	138.9	122.6	46
115.5	2.80	126.3	110.1	45
104.9	2.30	112.1	100.8	43
95.7	1.97	99.9	92.6	42
87.6	1.66	91.0	84.7	42
80.7	1.59	84.7	77.1	42
74.8	1.30	77.2	71.8	42
69.7	1.41	72.7	66.8	42
61.5	1.20	64.6	59.3	40
52.1	1.38	54.8	48.9	25
41.7	.88	43.7	40.2	13

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	46
10	.328	.0286	.390	.280	46
20	.649	.0504	.740	.560	46
30	.956	.0648	1.060	.830	46
50	1.527	.0859	1.690	1.360	46
75	2.182	.1068	2.410	1.990	46
100	2.752	.1370	3.080	2.460	46
125	3.235	.1658	3.660	2.890	46
150	3.663	.1825	4.130	3.290	46
175	4.059	.1927	4.550	3.670	46
200	4.436	.1982	4.940	4.030	46
225	4.797	.2033	5.310	4.380	46
250	5.150	.2097	5.670	4.720	46
300	5.825	.2186	6.370	5.390	46
400	7.081	.2369	7.670	6.640	45
500	8.240	.2504	8.860	7.790	43
600	9.295	.2601	9.960	8.850	42
700	10.275	.2692	10.970	9.820	42
800	11.185	.2775	11.920	10.730	42
900	12.040	.2876	12.800	11.580	42
1000	12.840	.2932	13.610	12.370	42
1200	14.293	.2830	15.010	13.800	40
1500	16.204	.2565	16.750	15.690	25
2000	19.052	.3000	19.640	18.440	13

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	46
.02	.003	.02	.01	46
.07	.005	.08	.06	46
.14	.010	.16	.13	46
.38	.020	.41	.34	46
.79	.039	.89	.71	46
1.30	.080	1.51	1.13	46
1.85	.122	2.17	1.62	46
2.45	.150	2.83	2.18	46
3.11	.167	3.53	2.81	46
3.83	.179	4.27	3.50	46
4.61	.192	5.08	4.26	46
5.46	.206	5.96	5.10	46
7.36	.236	7.91	6.96	46
11.83	.307	12.55	11.25	45
17.13	.399	18.18	16.33	43
23.05	.487	24.48	22.13	42
29.55	.589	31.22	28.43	42
36.51	.695	38.51	35.12	42
43.90	.826	46.43	42.18	42
51.65	.924	54.22	49.66	42
68.11	1.088	71.24	65.74	40
95.00	1.292	97.87	92.10	25
144.51	2.062	148.82	140.44	13

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.87	.094	6.98	6.73	5
10	6.92	.161	7.13	6.71	5
20	6.91	.192	7.23	6.72	5
30	6.85	.112	7.02	6.72	5
50	6.47	.316	6.86	6.01	5
75	5.34	.969	6.60	4.02	5
100	3.99	.295	4.30	3.64	5
125	3.53	.194	3.83	3.32	5
150	3.01	.167	3.29	2.86	5
175	2.83	.229	3.19	2.60	5
200	2.69	.256	3.01	2.36	5
225	2.57	.193	2.95	2.33	5
250	2.45	.261	2.71	2.09	5
300	1.98	.235	2.21	1.66	5
400	1.28	.162	1.43	1.03	5
500	.83	.191	1.10	.62	5
600	.55	.101	.72	.47	5
700	.45	.063	.53	.37	5
800	.34	.053	.42	.28	5
900	.34	.051	.41	.28	5
1000	.35	.060	.43	.28	5
1200	.42	.033	.47	.39	4
1500	.77	.047	.81	.72	3
2000	1.46	.047	1.51	1.42	3

SOUND

MEAN	S.D.	MAX	MIN	N
1487	3.2	1493	1481	46
1487	3.1	1493	1480	46
1486	3.1	1493	1479	46
1484	3.2	1491	1479	46
1482	2.9	1491	1477	46
1481	2.5	1486	1476	46
1481	2.1	1485	1475	46
1481	1.3	1484	1478	46
1481	1.1	1483	1479	46
1481	1.1	1484	1479	46
1480	1.0	1483	1478	46
1480	1.1	1483	1477	46
1479	1.2	1483	1477	46
1478	1.2	1482	1476	46
1477	1.0	1480	1475	45
1477	.9	1478	1475	43
1477	.8	1478	1476	42
1478	.5	1479	1477	42
1478	.5	1479	1477	42
1479	.6	1480	1478	42
1480	.4	1481	1479	42
1482	.5	1482	1480	40
1484	.5	1485	1484	25
1490	.4	1491	1490	13

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.840	.2930	13.610	12.369	42
10	12.511	.2865	13.283	11.986	42
20	12.190	.2797	12.955	11.637	42
30	11.884	.2714	12.627	11.327	42
50	11.313	.2521	11.984	10.776	42
75	10.657	.2259	11.226	10.166	42
100	10.087	.1961	10.597	9.663	42
125	9.603	.1809	10.161	9.221	42
150	9.175	.1728	9.742	8.819	42
175	8.780	.1657	9.333	8.446	42
200	8.404	.1582	8.929	8.087	42
225	8.042	.1507	8.536	7.743	42
250	7.691	.1437	8.151	7.408	42
300	7.014	.1301	7.407	6.761	42
400	5.758	.1073	6.062	5.558	42
500	4.605	.0833	4.812	4.450	42
600	3.545	.0625	3.687	3.414	42
700	2.564	.0447	2.669	2.462	42
800	1.653	.0290	1.715	1.587	42
900	.800	.0142	.829	.772	42
1000	.000	.0000	.000	.000	42
1200	-1.475	.0254	-1.433	-1.535	40
1500	-3.443	.0565	-3.324	-3.581	25
2000	-6.224	.0946	-6.072	-6.406	13

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.41	1.191	14.87	10.73	20
10	12.21	1.077	14.83	10.40	20
20	11.70	1.120	13.90	9.25	20
30	10.76	1.278	13.02	8.60	20
50	8.86	1.001	10.34	7.39	20
75	7.97	.766	9.66	6.91	20
100	7.69	.617	9.38	6.90	20
125	7.53	.592	9.55	6.76	20
150	7.35	.559	9.31	6.66	20
175	7.09	.483	8.72	6.37	20
200	6.81	.433	8.18	6.11	20
225	6.49	.335	7.14	5.88	20
250	6.27	.370	7.10	5.66	20
300	5.83	.372	6.78	5.26	20
400	5.17	.366	5.85	4.43	18
500	4.67	.295	5.26	4.21	18
600	4.34	.197	4.74	4.11	18
700	4.08	.160	4.43	3.87	18
800	3.85	.130	4.15	3.74	18
900	3.64	.112	3.90	3.46	18
1000	3.42	.097	3.66	3.29	18
1200	3.00	.063	3.15	2.91	18
1500	2.47	.055	2.59	2.41	11
2000	1.94	.021	1.96	1.92	3

SALINITY

MEAN	S.D.	MAX	MIN	N
31.936	.2203	32.310	31.560	20
32.019	.2141	32.339	31.570	20
32.097	.2063	32.455	31.700	20
32.208	.1695	32.494	31.980	20
32.444	.1435	32.632	32.042	20
32.642	.1908	33.104	32.356	20
33.034	.3032	33.729	32.509	20
33.433	.2228	33.854	33.065	20
33.694	.1459	33.893	33.360	20
33.827	.0893	33.943	33.625	20
33.884	.0677	33.960	33.752	20
33.908	.0546	33.976	33.784	20
33.931	.0429	33.998	33.848	20
33.955	.0420	34.010	33.860	20
34.010	.0320	34.069	33.917	18
34.079	.0242	34.129	34.034	18
34.158	.0296	34.219	34.088	18
34.230	.0301	34.291	34.151	18
34.288	.0277	34.329	34.217	18
34.336	.0279	34.375	34.272	18
34.377	.0224	34.406	34.318	18
34.441	.0247	34.469	34.375	18
34.507	.0255	34.534	34.435	11
34.593	.0095	34.598	34.587	3

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.153	.3588	24.645	23.568	20
10	24.256	.2940	24.660	23.630	20
20	24.410	.2836	24.875	23.973	20
30	24.662	.2890	25.154	24.094	20
50	25.160	.2248	25.506	24.649	20
75	25.449	.2219	25.673	25.092	20
100	25.797	.2813	26.319	25.204	20
125	26.133	.2221	26.427	25.461	20
150	26.364	.1590	26.509	25.808	20
175	26.503	.1080	26.621	26.108	20
200	26.588	.0845	26.684	26.293	20
225	26.649	.0583	26.725	26.465	20
250	26.696	.0502	26.781	26.557	20
300	26.770	.0467	26.855	26.658	20
400	26.893	.0369	26.945	26.797	18
500	27.005	.0337	27.056	26.924	18
600	27.104	.0312	27.164	27.040	18
700	27.189	.0300	27.249	27.131	18
800	27.257	.0243	27.296	27.210	18
900	27.317	.0219	27.352	27.268	18
1000	27.370	.0178	27.400	27.328	18
1200	27.461	.0188	27.491	27.412	18
1500	27.561	.0204	27.578	27.505	11
2000	27.672	.0048	27.675	27.668	3

SVA

MEAN	S.D.	MAX	MIN	N
377.4	34.23	433.2	330.4	20
367.7	28.02	427.2	329.3	20
353.3	27.04	395.0	308.9	20
339.5	27.59	383.7	282.5	20
327.3	21.48	351.1	249.2	20
295.1	21.19	289.3	214.8	20
222.4	26.76	279.1	172.9	20
190.9	21.16	255.2	163.0	20
169.4	15.18	222.6	155.6	20
156.4	10.35	194.4	145.1	20
148.7	8.15	177.2	139.3	20
143.1	5.63	160.8	135.6	20
138.9	4.90	152.2	130.7	20
132.2	4.62	143.5	123.9	20
121.2	3.75	130.9	115.9	18
111.2	3.45	119.5	105.9	18
102.5	3.12	109.0	96.7	18
95.0	2.97	100.9	89.2	18
89.0	2.59	93.8	85.3	18
83.8	2.34	88.6	80.4	18
79.1	1.74	82.9	76.2	18
70.9	1.73	75.3	67.8	18
61.6	1.92	65.7	59.8	11
51.2	.26	51.5	51.0	3

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.41	1.191	14.87	10.73	20
10	12.21	1.077	14.83	10.40	20
20	11.70	1.120	13.90	9.25	20
30	10.76	1.278	13.02	8.60	20
50	8.85	.999	10.33	7.38	20
75	7.96	.765	9.65	6.91	20
100	7.68	.617	9.37	6.89	20
125	7.52	.592	9.54	6.75	20
150	7.33	.559	9.29	6.65	20
175	7.08	.483	8.70	6.35	20
200	6.79	.433	8.16	6.09	20
225	6.47	.334	7.12	5.86	20
250	6.25	.369	7.08	5.64	20
300	5.80	.372	6.75	5.24	20
400	5.14	.365	5.82	4.40	18
500	4.63	.294	5.22	4.17	18
600	4.30	.195	4.70	4.07	18
700	4.02	.159	4.37	3.82	18
800	3.79	.130	4.09	3.68	18
900	3.57	.112	3.83	3.40	18
1000	3.35	.096	3.58	3.22	18
1200	2.92	.061	3.06	2.83	18
1500	2.37	.056	2.49	2.30	11
2000	1.80	.021	1.82	1.78	3

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
377.4	34.23	433.2	330.4	20
367.5	28.01	427.2	329.1	20
352.8	27.02	394.4	308.5	20
328.8	27.52	382.9	282.0	20
281.4	21.37	330.0	248.5	20
253.8	21.10	287.8	213.6	20
220.7	26.72	277.1	171.1	20
188.8	21.08	252.6	160.8	20
166.9	15.09	219.6	153.1	20
153.6	10.25	191.1	142.4	20
145.6	8.01	173.5	136.4	20
139.8	5.52	157.2	132.6	20
135.3	4.75	148.4	127.2	20
128.1	4.44	138.8	120.1	20
116.4	3.46	125.5	111.6	18
105.6	3.18	113.5	101.0	18
96.4	2.95	102.4	90.7	18
88.2	2.83	93.7	82.6	18
81.7	2.28	86.1	78.1	18
76.0	2.26	80.6	72.7	18
70.9	1.68	74.9	68.2	18
62.3	1.76	66.9	59.4	18
52.7	1.93	58.0	51.0	11
41.9	.32	42.3	41.7	3

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	20
10	.375	.0300	.430	.330	20
20	.737	.0512	.820	.660	20
30	1.081	.0668	1.190	.970	20
50	1.689	.0932	1.890	1.510	20
75	2.361	.1248	2.620	2.150	20
100	2.954	.1733	3.280	2.700	20
125	3.470	.2295	3.950	3.180	20
150	3.919	.2706	4.550	3.600	20
175	4.325	.2974	5.070	3.990	20
200	4.704	.3139	5.530	4.370	20
225	5.069	.3269	5.950	4.730	20
250	5.420	.3336	6.340	5.070	20
300	6.097	.3477	7.080	5.730	20
400	7.394	.3776	8.450	6.950	18
500	8.556	.3948	9.700	8.090	18
600	9.623	.4083	10.840	9.130	18
700	10.609	.4194	11.890	10.100	18
800	11.528	.4301	12.860	11.000	18
900	12.392	.4417	13.770	11.830	18
1000	13.205	.4523	14.620	12.620	18
1200	14.703	.4692	16.170	14.080	18
1500	16.590	.3043	17.000	16.020	11
2000	19.567	.2516	19.800	19.300	3

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	20
.02	.000	.02	.02	20
.07	.005	.08	.07	20
.16	.011	.18	.14	20
.41	.026	.46	.36	20
.84	.052	.94	.77	20
1.36	.102	1.54	1.20	20
1.95	.169	2.31	1.68	20
2.58	.228	3.15	2.24	20
3.25	.273	4.01	2.89	20
3.98	.308	4.89	3.61	20
4.77	.339	5.81	4.40	20
5.62	.358	6.75	5.27	20
6.55	.402	8.03	6.13	20
12.08	.510	13.70	11.48	18
17.40	.635	19.45	16.70	18
23.38	.763	25.82	22.55	18
29.90	.910	32.74	28.83	18
36.93	1.072	40.17	35.81	18
44.40	1.230	48.03	43.04	18
52.29	1.408	56.35	50.66	18
69.07	1.714	73.69	66.82	18
96.10	2.011	100.59	93.75	11
145.42	.404	145.71	144.96	3

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.76	n/a	n/a	n/a	1
10	6.72	n/a	n/a	n/a	1
20	6.66	n/a	n/a	n/a	1
30	6.62	n/a	n/a	n/a	1
50	6.71	n/a	n/a	n/a	1
75	5.84	n/a	n/a	n/a	1
100	5.47	n/a	n/a	n/a	1
125	4.02	n/a	n/a	n/a	1
150	3.35	n/a	n/a	n/a	1
175	3.16	n/a	n/a	n/a	1
200	2.66	n/a	n/a	n/a	1
225	2.73	n/a	n/a	n/a	1
250	2.75	n/a	n/a	n/a	1
300	2.07	n/a	n/a	n/a	1
400	1.85	n/a	n/a	n/a	1
500	.84	n/a	n/a	n/a	1
600	.81	n/a	n/a	n/a	1
700	.63	n/a	n/a	n/a	1
800	.47	n/a	n/a	n/a	1
900	.45	n/a	n/a	n/a	1
1000	.43	n/a	n/a	n/a	1
1200	.51	n/a	n/a	n/a	1
1500	.92	n/a	n/a	n/a	1
2000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1495	4.0	1503	1489	20
1495	3.7	1503	1488	20
1493	4.0	1501	1484	20
1490	4.7	1498	1482	20
1484	3.8	1489	1478	20
1481	2.8	1487	1477	20
1481	2.3	1487	1478	20
1481	2.2	1488	1478	20
1481	2.2	1488	1478	20
1481	1.9	1487	1478	20
1480	1.7	1485	1477	20
1479	1.4	1482	1477	20
1479	1.5	1482	1476	20
1478	1.6	1482	1475	20
1477	1.5	1480	1474	18
1477	1.2	1479	1475	18
1477	.8	1479	1476	18
1478	.8	1479	1477	18
1478	.6	1480	1478	18
1479	.5	1480	1478	18
1480	.5	1481	1479	18
1482	.5	1482	1481	18
1484	.5	1485	1484	11
1490	.6	1491	1490	3

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.205	.4526	14.623	12.622	18
10	12.834	.4349	14.205	12.278	18
20	12.473	.4213	13.801	11.935	18
30	12.124	.4138	13.438	11.606	18
50	11.511	.3928	12.796	11.042	18
75	10.836	.3689	12.059	10.405	18
100	10.239	.3360	11.349	9.848	18
125	9.720	.3018	10.675	9.382	18
150	9.269	.2742	10.075	8.978	18
175	8.861	.2530	9.556	8.596	18
200	8.479	.2353	9.094	8.229	18
225	8.113	.2216	8.671	7.865	18
250	7.761	.2109	8.282	7.516	18
300	7.080	.1914	7.543	6.845	18
400	5.811	.1573	6.173	5.608	18
500	4.649	.1272	4.918	4.466	18
600	3.581	.0973	3.781	3.429	18
700	2.597	.0678	2.736	2.510	18
800	1.677	.0426	1.764	1.615	18
900	.814	.0200	.856	.785	18
1000	.000	.0000	.000	.000	18
1200	-1.497	.0332	-1.433	-1.576	18
1500	-3.481	.0793	-3.397	-3.689	11
2000	-6.262	.0126	-6.252	-6.276	3

STATION MP06 J U L Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	14.08	.948	15.38	12.42	13
10	13.95	.906	15.38	12.41	13
20	13.17	1.089	15.25	11.32	13
30	11.90	1.572	15.08	9.40	13
50	9.21	.881	10.81	7.64	13
75	8.10	.440	8.97	7.17	13
100	7.87	.332	8.37	7.44	13
125	7.61	.279	8.09	7.20	13
150	7.34	.296	8.00	6.93	13
175	7.17	.333	7.77	6.79	13
200	6.95	.325	7.55	6.46	13
225	6.85	.358	7.50	6.20	13
250	6.67	.398	7.30	5.95	13
300	5.89	.282	6.38	5.67	13
400	5.17	.183	5.48	4.84	13
500	4.73	.153	4.99	4.58	13
600	4.38	.083	4.53	4.26	13
700	4.13	.078	4.33	3.98	13
800	3.88	.076	4.04	3.73	13
900	3.64	.062	3.75	3.53	13
1000	3.43	.060	3.51	3.31	13
1200	3.03	.063	3.13	2.92	11
1500	2.50	.032	2.53	2.45	6
2000	1.93	.014	1.94	1.92	2

SALINITY

MEAN	S.D.	MAX	MIN	N
32.023	.3211	32.382	31.080	13
33.005	.3180	33.455	31.190	13
33.102	.2156	33.500	31.780	13
33.219	.1794	33.530	31.997	13
33.449	.1303	33.715	32.150	13
33.612	.1857	33.790	32.465	13
33.985	.2498	34.410	33.557	13
34.188	.2107	34.654	33.976	13
34.337	.1317	34.852	34.136	13
34.384	.0834	34.522	34.234	13
34.462	.0557	34.560	34.377	13
34.503	.0280	34.570	34.470	13
34.528	.0274	34.580	34.480	13
34.566	.0328	34.618	34.517	13
34.619	.0337	34.676	34.545	13
34.687	.0502	34.719	34.656	13
34.761	.0554	34.800	34.728	13
34.832	.0564	34.903	34.766	13
34.893	.0244	34.963	34.866	13
34.941	.0232	34.984	34.909	13
34.980	.0191	35.033	34.952	13
34.445	.0140	34.483	34.430	11
34.508	.0071	34.518	34.496	6
34.594	.0054	34.594	34.593	2

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.879	.3438	24.330	23.065	13
10	23.906	.3294	24.308	23.095	13
20	24.136	.2661	24.797	23.747	13
30	24.463	.3803	24.982	23.787	13
50	25.109	.1909	25.484	24.815	13
75	25.409	.1639	25.855	25.232	13
100	25.732	.2071	26.028	25.437	13
125	26.088	.1584	26.298	25.774	13
150	26.320	.0970	26.483	26.142	13
175	26.460	.0739	26.562	26.358	13
200	26.551	.0583	26.633	26.443	13
225	26.623	.0391	26.682	26.539	13
250	26.682	.0248	26.729	26.632	13
300	26.775	.0318	26.826	26.719	13
400	26.900	.0342	26.975	26.849	13
500	27.005	.0223	27.043	26.964	13
600	27.102	.0197	27.133	27.070	13
700	27.185	.0202	27.237	27.157	13
800	27.258	.0216	27.318	27.231	13
900	27.321	.0203	27.378	27.295	13
1000	27.373	.0182	27.425	27.351	13
1200	27.463	.0161	27.503	27.440	11
1500	27.558	.0081	27.569	27.549	6
2000	27.674	.0000	27.674	27.673	2

SVA

MEAN	S.D.	MAX	MIN	N
403.5	32.79	481.2	360.5	13
401.2	31.44	478.6	362.8	13
379.5	25.40	416.6	316.4	13
348.4	36.31	413.0	298.9	13
287.1	18.23	315.1	251.4	13
258.9	15.58	275.8	216.6	13
228.8	19.67	267.1	200.9	13
205.9	15.00	224.9	177.2	13
173.5	9.20	190.2	158.1	13
160.6	7.02	170.1	150.8	13
152.2	5.59	162.7	144.4	13
145.6	3.81	153.8	139.8	13
140.3	3.40	145.2	135.6	13
132.0	3.07	137.4	126.9	13
120.6	3.33	125.7	115.2	13
111.3	2.86	115.4	107.2	13
102.7	1.88	105.8	99.6	13
95.4	1.90	98.2	90.6	13
89.0	2.06	91.6	83.4	13
83.4	1.94	85.9	78.9	13
78.8	1.80	80.8	73.7	13
70.8	1.82	73.5	66.8	11
61.9	.65	62.8	60.8	6
51.1	.14	51.2	51.0	2

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	14.08	.948	15.38	12.42	13
10	13.95	.907	15.38	12.40	13
20	13.17	1.089	15.25	11.32	13
30	11.90	1.572	15.08	9.40	13
50	9.20	.878	10.81	7.64	13
75	8.09	.440	8.96	7.16	13
100	7.86	.331	8.36	7.43	13
125	7.60	.278	8.08	7.19	13
150	7.33	.294	7.98	6.92	13
175	7.15	.333	7.75	6.79	13
200	6.93	.325	7.53	6.44	13
225	6.84	.358	7.48	6.18	13
250	6.64	.398	7.28	5.93	13
300	5.86	.282	6.35	5.64	13
400	5.14	.183	5.45	4.81	13
500	4.69	.153	4.95	4.54	13
600	4.33	.086	4.49	4.21	13
700	4.08	.076	4.17	3.93	13
800	3.82	.076	3.98	3.67	13
900	3.57	.063	3.68	3.46	13
1000	3.36	.058	3.44	3.24	13
1200	2.94	.061	3.04	2.83	11
1500	2.40	.032	2.43	2.35	6
2000	1.79	.014	1.80	1.78	2

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
403.5	32.79	481.2	360.5	13
400.9	31.44	478.3	362.5	13
379.0	25.38	416.0	315.3	13
347.9	36.33	412.1	298.3	13
286.2	18.25	314.2	250.6	13
257.6	15.56	274.4	215.3	13
226.9	19.67	265.4	198.8	13
193.0	15.03	222.9	175.1	13
171.0	9.33	188.0	155.5	13
157.7	7.00	167.3	148.0	13
149.0	5.52	158.3	141.2	13
142.1	3.99	150.1	136.6	13
136.6	3.33	141.3	132.1	13
127.9	2.99	133.0	122.9	13
115.8	3.33	120.6	108.7	13
105.8	2.16	109.7	101.8	13
98.5	1.85	99.6	93.9	13
88.6	1.93	91.3	84.7	13
81.6	2.03	84.2	76.9	13
75.6	1.90	78.1	70.3	13
70.7	1.74	72.7	65.7	13
62.1	1.49	64.2	58.3	11
55.9	.60	56.8	55.0	6
41.9	.07	41.9	41.8	2

STATION MP06 J U L Y 1956 to 1998

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	13
10	.404	.0323	.480	.360	13
20	.798	.0600	.940	.730	13
30	1.183	.0752	1.280	1.060	13
50	1.795	.0836	1.940	1.650	13
75	2.475	.0888	2.650	2.330	13
100	3.079	.1023	3.300	2.930	13
125	3.609	.1351	3.850	3.410	13
150	4.068	.1570	4.320	3.840	13
175	4.485	.1729	4.780	4.230	13
200	4.877	.1853	5.180	4.600	13
225	5.248	.1893	5.550	4.960	13
250	5.602	.1905	5.910	5.300	13
300	6.285	.1927	6.600	5.970	13
400	7.545	.1825	7.880	7.220	13
500	8.703	.1785	9.050	8.380	13
600	9.774	.1825	10.140	9.430	13
700	10.763	.1804	11.160	10.390	13
800	11.684	.1939	12.100	11.300	13
900	12.546	.2017	12.980	12.150	13
1000	13.355	.2112	13.810	12.950	13
1200	14.844	.1428	15.090	14.570	11
1500	16.845	.0971	16.990	16.730	6
2000	19.680	.1414	19.780	19.580	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	13
.02	.000	.02	.02	13
.08	.006	.09	.07	13
.17	.013	.19	.15	13
.43	.023	.47	.39	13
.86	.032	.92	.81	13
1.40	.068	1.50	1.27	13
2.01	.116	2.21	1.83	13
2.65	.148	2.93	2.47	13
3.34	.173	3.69	3.14	13
4.09	.187	4.45	3.86	13
4.89	.199	5.28	4.65	13
5.76	.205	6.18	5.47	13
7.66	.207	8.05	7.34	13
12.15	.223	12.61	11.79	13
17.46	.292	18.01	17.09	13
23.45	.386	24.14	22.94	13
30.01	.479	30.85	29.34	13
37.04	.583	38.04	36.20	13
44.51	.705	45.74	43.57	13
52.36	.867	53.79	50.55	13
69.02	1.137	70.69	66.18	11
96.52	.543	97.37	95.91	6
146.46	.884	147.09	145.84	2

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.17	n/a	n/a	n/a	1
10	5.95	n/a	n/a	n/a	1
20	5.91	n/a	n/a	n/a	1
30	6.50	n/a	n/a	n/a	1
50	6.45	n/a	n/a	n/a	1
75	5.54	n/a	n/a	n/a	1
100	4.41	n/a	n/a	n/a	1
125	3.67	n/a	n/a	n/a	1
150	3.67	n/a	n/a	n/a	1
175	3.11	n/a	n/a	n/a	1
200	2.41	n/a	n/a	n/a	1
225	2.30	n/a	n/a	n/a	1
250	2.19	n/a	n/a	n/a	1
300	1.56	n/a	n/a	n/a	1
400	1.05	n/a	n/a	n/a	1
500	.84	n/a	n/a	n/a	1
600	.45	n/a	n/a	n/a	1
700	.28	n/a	n/a	n/a	1
800	.14	n/a	n/a	n/a	1
900	.19	n/a	n/a	n/a	1
1000	.23	n/a	n/a	n/a	1
1200	.30	n/a	n/a	n/a	1
1500	1.03	n/a	n/a	n/a	1
2000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1501	3.0	1505	1495	13
1500	3.3	1505	1495	13
1496	3.2	1502	1493	13
1494	3.5	1505	1488	13
1485	3.3	1491	1479	13
1481	1.8	1485	1478	13
1481	1.4	1483	1479	13
1481	1.2	1483	1479	13
1481	1.3	1484	1479	13
1481	1.1	1483	1480	13
1481	1.1	1483	1479	13
1480	1.1	1482	1478	13
1479	1.1	1481	1477	13
1478	.8	1480	1477	13
1477	.8	1478	1475	13
1477	.6	1478	1476	13
1477	.4	1478	1477	13
1478	.4	1478	1477	13
1479	.5	1479	1478	13
1479	.4	1480	1479	13
1480	.3	1480	1479	13
1482	.4	1482	1481	11
1484	.5	1485	1484	6
1490	.0	1490	1490	2

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.356	.2118	13.812	12.949	13
10	12.953	.2166	13.433	12.562	13
20	12.557	.2201	13.055	12.195	13
30	12.193	.2099	12.683	11.889	13
50	11.565	.1935	12.030	11.297	13
75	10.884	.1865	11.307	10.621	13
100	10.276	.1788	10.629	10.016	13
125	9.747	.1621	10.091	9.538	13
150	9.287	.1528	9.631	9.084	13
175	8.871	.1469	9.194	8.654	13
200	8.480	.1448	8.780	8.252	13
225	8.108	.1429	8.383	7.873	13
250	7.751	.1410	8.009	7.513	13
300	7.071	.1337	7.303	6.826	13
400	5.811	.1062	5.980	5.576	13
500	4.653	.0690	4.783	4.435	13
600	3.583	.0736	3.675	3.384	13
700	2.593	.0568	2.661	2.433	13
800	1.673	.0384	1.721	1.564	13
900	.810	.0178	.833	.780	13
1000	.000	.0000	.000	.000	13
1200	-1.490	.0350	-1.397	-1.536	11
1500	-3.484	.0323	-3.450	-3.536	6
2000	-6.287	.0438	-6.256	-6.318	2

STATION MP06 A U G U S T 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	15.03	.929	16.68	13.11	29
10	14.66	1.035	16.31	12.73	29
20	13.70	1.471	16.13	10.58	29
30	12.07	1.823	15.96	8.48	29
50	8.96	.951	10.49	7.26	29
75	8.06	.918	9.71	6.61	29
100	7.79	.843	9.53	6.74	29
125	7.59	.827	9.51	6.58	29
150	7.45	.652	9.07	6.53	29
175	7.19	.530	8.54	6.58	29
200	6.90	.454	8.07	6.29	29
225	6.63	.398	7.47	6.03	29
250	6.39	.397	7.19	5.80	29
300	5.92	.340	6.62	5.47	29
400	5.42	.300	5.85	4.81	29
500	4.75	.211	5.20	4.38	28
600	4.39	.172	4.77	4.13	27
700	4.12	.144	4.52	3.88	27
800	3.88	.132	4.21	3.63	27
900	3.66	.111	3.94	3.51	26
1000	3.45	.086	3.65	3.30	26
1200	3.03	.064	3.17	2.93	25
1500	2.49	.063	2.62	2.42	17
2000	1.94	.026	1.98	1.92	8

SALINITY

MEAN	S.D.	MAX	MIN	N
31.997	.2153	32.248	31.332	29
32.016	.1863	32.264	31.423	29
32.084	.1862	32.439	31.719	29
32.218	.1695	32.526	31.855	29
32.472	.1009	32.598	32.204	29
32.652	.1684	33.160	32.443	29
33.020	.2740	33.670	32.500	29
33.452	.2027	33.808	33.044	29
33.704	.1249	33.849	33.441	29
33.829	.0726	33.919	33.677	29
33.879	.0555	33.957	33.765	29
33.911	.0376	33.961	33.827	29
33.934	.0321	33.980	33.860	29
33.963	.0265	34.015	33.906	29
34.019	.0217	34.061	33.976	29
34.087	.0275	34.135	34.027	28
34.159	.0249	34.203	34.110	27
34.231	.0235	34.269	34.188	27
34.292	.0217	34.336	34.255	27
34.340	.0246	34.395	34.304	26
34.382	.0224	34.436	34.345	26
34.449	.0197	34.496	34.425	25
34.521	.0268	34.590	34.463	17
34.602	.0091	34.617	34.591	8

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.674	.3096	24.205	22.932	29
10	23.766	.2991	24.311	23.022	29
20	24.012	.3858	24.661	23.319	29
30	24.427	.4134	25.055	23.590	29
50	25.165	.1919	25.516	24.728	29
75	25.443	.2093	25.911	25.099	29
100	25.771	.2574	26.239	25.253	29
125	26.138	.2178	26.413	25.601	29
150	26.356	.1532	26.534	25.998	29
175	26.492	.1130	26.620	26.217	29
200	26.571	.0924	26.684	26.350	29
225	26.633	.0670	26.726	26.468	29
250	26.683	.0573	26.763	26.558	29
300	26.766	.0438	26.825	26.668	29
400	26.895	.0370	26.930	26.803	29
500	27.002	.0370	27.048	26.925	28
600	27.095	.0313	27.143	27.029	27
700	27.185	.0273	27.221	27.115	27
800	27.259	.0228	27.296	27.210	27
900	27.318	.0241	27.366	27.270	26
1000	27.373	.0210	27.424	27.335	26
1200	27.465	.0182	27.507	27.440	25
1500	27.570	.0244	27.631	27.516	17
2000	27.680	.0081	27.693	27.669	8

SVA

MEAN	S.D.	MAX	MIN	N
423.1	29.55	493.9	372.4	29
414.5	28.56	485.6	362.5	29
391.3	36.82	457.5	329.3	29
351.9	39.47	431.9	291.9	29
281.8	18.33	323.5	248.3	29
255.7	19.99	288.6	211.2	29
224.9	24.52	274.4	180.6	29
190.5	20.80	241.9	164.3	29
170.1	14.68	204.6	153.1	29
157.6	10.88	184.1	145.2	29
150.3	8.92	171.7	139.4	29
144.6	6.50	160.7	135.6	29
140.2	5.62	152.4	132.3	29
132.7	4.34	142.4	126.8	29
121.1	3.72	130.3	117.5	29
111.6	3.70	119.2	107.1	28
103.0	3.12	109.9	98.7	27
95.4	2.76	102.7	91.7	27
88.9	2.30	94.2	85.4	27
83.7	2.41	88.9	79.2	26
78.9	2.13	82.6	73.9	26
70.6	1.75	73.2	66.6	25
60.8	2.42	66.1	55.0	17
50.6	.71	51.7	49.2	8

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	15.03	.929	16.68	13.11	29
10	14.66	1.035	16.31	12.73	29
20	13.70	1.471	16.13	10.58	29
30	12.07	1.823	15.96	8.48	29
50	8.96	.949	10.48	7.26	29
75	8.05	.918	9.70	6.60	29
100	7.78	.843	9.52	6.73	29
125	7.58	.827	9.50	6.57	29
150	7.44	.650	9.05	6.51	29
175	7.17	.529	8.52	6.56	29
200	6.88	.453	8.05	6.28	29
225	6.61	.398	7.45	6.01	29
250	6.37	.398	7.16	5.78	29
300	6.89	.339	6.59	5.44	29
400	5.19	.301	5.82	4.78	29
500	4.71	.210	5.16	4.35	28
600	4.34	.171	4.72	4.09	27
700	4.07	.144	4.47	3.83	27
800	3.82	.132	4.15	3.57	27
900	3.59	.111	3.87	3.44	26
1000	3.37	.086	3.58	3.23	26
1200	2.95	.062	3.08	2.84	25
1500	2.39	.061	2.52	2.32	17
2000	1.81	.028	1.85	1.78	8

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
423.1	29.55	493.9	372.4	29
414.2	28.54	485.3	362.3	29
390.8	36.78	456.9	328.9	29
351.2	39.39	431.0	291.4	29
280.9	18.24	322.4	247.5	29
254.5	19.89	287.1	210.0	29
223.2	24.45	272.4	178.8	29
188.4	20.68	239.3	162.2	29
167.6	14.54	201.6	150.7	29
154.7	10.73	180.7	142.5	29
147.2	8.76	168.1	136.5	29
141.2	6.33	156.9	132.5	29
136.5	5.42	148.3	128.9	29
128.6	4.14	137.8	123.0	29
116.3	3.48	124.9	112.9	29
106.1	3.49	113.4	101.7	28
96.8	2.96	103.4	92.6	27
88.6	2.58	95.2	85.2	27
81.6	2.13	86.2	78.0	27
75.9	2.27	80.4	71.4	26
70.7	2.02	74.2	65.8	26
61.9	1.68	64.3	57.9	25
51.8	2.32	56.9	46.1	17
41.3	.70	42.3	40.0	8

STATION MP06 A U G U S T 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	29
10	.421	.0285	.490	.370	29
20	.826	.0553	.950	.730	29
30	1.200	.0843	1.360	1.050	29
50	1.827	.1240	2.080	1.640	29
75	2.501	.1590	2.830	2.260	29
100	3.097	.2065	3.490	2.780	29
125	3.614	.2560	4.080	3.220	29
150	4.062	.2918	4.610	3.640	29
175	4.469	.3207	5.090	4.040	29
200	4.855	.3418	5.530	4.410	29
225	5.221	.3578	5.940	4.750	29
250	5.578	.3695	6.330	5.100	29
300	6.259	.3892	7.070	5.750	29
400	7.527	.4167	8.420	6.970	29
500	8.696	.4500	9.670	8.110	28
600	9.769	.4832	10.820	9.150	27
700	10.761	.5043	11.860	10.110	27
800	11.682	.5210	12.820	11.000	27
900	12.563	.5404	13.720	11.840	26
1000	13.374	.5540	14.550	12.640	26
1200	14.868	.5886	16.070	14.110	25
1500	16.670	.5438	18.060	15.920	17
2000	19.484	.6227	20.860	18.800	8

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	29
.02	.002	.03	.02	29
.08	.006	.09	.07	29
.18	.014	.21	.16	29
.43	.032	.50	.39	29
.86	.059	.98	.76	29
1.39	.105	1.57	1.18	29
1.99	.166	2.28	1.69	29
2.61	.222	3.06	2.27	29
3.29	.270	3.86	2.94	29
4.02	.312	4.71	3.64	29
4.82	.349	5.59	4.40	29
5.68	.379	6.50	5.23	29
7.59	.438	8.52	7.07	29
12.11	.550	13.36	11.44	29
17.45	.705	19.06	16.65	28
23.48	.884	25.49	22.48	27
30.04	1.057	32.44	28.82	27
37.08	1.227	39.77	35.59	27
44.60	1.397	47.51	42.73	26
52.46	1.585	55.58	50.12	26
69.22	1.960	72.64	65.78	25
95.75	2.601	100.16	90.59	17
145.09	2.511	149.68	142.55	8

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	5.95	.519	6.36	5.09	5
10	6.39	.384	6.99	6.01	5
20	6.14	.425	6.75	5.65	5
30	6.17	.289	6.59	5.83	5
50	6.23	.420	6.86	5.73	5
75	5.69	.850	6.51	4.47	5
100	4.56	1.104	6.32	3.63	5
125	3.91	.599	4.87	3.24	5
150	3.55	.453	4.21	2.95	5
175	3.28	.474	3.94	2.61	5
200	3.11	.361	3.52	2.56	5
225	2.91	.245	3.14	2.49	5
250	2.72	.215	3.01	2.42	5
300	2.21	.442	2.85	1.63	5
400	1.41	.310	1.86	1.01	5
500	.94	.264	1.35	.71	5
600	.64	.168	.88	.46	5
700	.49	.120	.62	.35	5
800	.38	.110	.50	.25	5
900	.36	.076	.46	.26	5
1000	.36	.065	.42	.27	5
1200	.47	.072	.57	.37	5
1500	.78	.156	.95	.60	4
2000	1.41	.161	1.54	1.23	3

SOUND

MEAN	S.D.	MAX	MIN	N
1504	2.9	1509	1498	29
1503	3.2	1508	1497	29
1500	4.8	1508	1489	29
1495	6.1	1507	1482	29
1484	3.6	1490	1478	29
1481	3.4	1487	1476	29
1481	3.2	1488	1477	29
1481	3.1	1488	1477	29
1482	2.6	1488	1478	29
1481	2.0	1486	1479	29
1480	1.9	1485	1478	29
1480	1.7	1483	1477	29
1479	1.6	1482	1477	29
1478	1.4	1481	1476	29
1477	1.3	1480	1475	29
1477	.9	1479	1475	28
1477	.8	1479	1476	27
1478	.6	1479	1477	27
1478	.7	1480	1477	27
1479	.5	1480	1479	26
1480	.4	1481	1479	26
1482	.4	1482	1481	25
1484	.5	1485	1484	17
1491	.5	1491	1490	8

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.375	.5551	14.551	12.640	26
10	12.953	.5412	14.093	12.240	26
20	12.549	.5191	13.631	11.872	26
30	12.176	.4891	13.191	11.540	26
50	11.550	.4499	12.470	10.979	26
75	10.878	.4219	11.735	10.362	26
100	10.278	.3820	11.059	9.813	26
125	9.757	.3374	10.466	9.346	26
150	9.308	.3019	9.936	8.931	26
175	8.897	.2750	9.459	8.542	26
200	8.511	.2534	9.019	8.174	26
225	8.141	.2363	8.612	7.819	26
250	7.784	.2226	8.238	7.474	26
300	7.100	.2003	7.521	6.814	26
400	5.829	.1645	6.184	5.580	26
500	4.663	.1289	4.953	4.454	26
600	3.589	.0964	3.806	3.424	26
700	2.597	.0684	2.750	2.472	26
800	1.675	.0442	1.768	1.588	26
900	.812	.0225	.855	.763	26
1000	.000	.0000	.000	.000	26
1200	-1.493	.0388	-1.398	-1.548	25
1500	-3.451	.1038	-3.207	-3.597	17
2000	-6.228	.0994	-6.100	-6.378	8

STATION MP06 S E P T E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	14.97	1.268	17.90	11.30	21
10	14.79	1.211	17.40	11.57	21
20	14.27	1.279	16.68	11.60	21
30	12.40	1.680	15.00	9.35	21
50	8.93	.987	10.77	7.56	21
75	7.71	.660	9.37	6.65	21
100	7.42	.426	8.41	6.79	21
125	7.30	.271	7.82	6.72	21
150	7.16	.292	7.74	6.73	21
175	6.94	.252	7.52	6.58	21
200	6.68	.231	7.27	6.35	21
225	6.40	.256	7.11	6.03	21
250	6.13	.263	6.81	5.74	21
300	5.71	.269	6.26	5.33	21
400	5.09	.243	5.53	4.66	21
500	4.67	.200	5.00	4.32	21
600	4.37	.164	4.63	4.03	21
700	4.12	.120	4.29	3.94	21
800	3.89	.107	4.10	3.66	21
900	3.66	.086	3.85	3.48	21
1000	3.44	.071	3.56	3.31	21
1200	3.01	.060	3.12	2.89	21
1500	2.50	.052	2.61	2.43	14
2000	1.92	.033	1.98	1.88	8

SALINITY

MEAN	S.D.	MAX	MIN	N
32.071	.1612	32.395	31.730	21
32.083	.1554	32.378	31.740	21
32.125	.1538	32.379	31.760	21
32.242	.1603	32.501	31.946	21
32.306	.1023	32.785	32.280	21
32.710	.1690	33.211	32.500	21
33.089	.2669	33.573	32.603	21
33.469	.2273	33.765	32.982	21
33.721	.1419	33.890	33.371	21
33.849	.0663	33.935	33.694	21
33.898	.0420	33.948	33.813	21
33.918	.0392	33.975	33.837	21
33.930	.0379	33.975	33.855	21
33.961	.0438	34.013	33.879	21
34.027	.0400	34.091	33.945	21
34.100	.0305	34.165	34.051	21
34.176	.0253	34.227	34.137	21
34.246	.0223	34.298	34.200	21
34.302	.0221	34.359	34.259	21
34.347	.0225	34.402	34.310	21
34.386	.0221	34.436	34.339	21
34.445	.0213	34.490	34.398	21
34.516	.0148	34.550	34.487	14
34.598	.0070	34.607	34.587	8

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.741	.3404	24.719	22.935	21
10	23.788	.3258	24.658	23.051	21
20	23.930	.3293	24.653	23.278	21
30	24.386	.3830	25.023	23.817	21
50	25.197	.1748	25.402	24.777	21
75	25.541	.1732	25.963	25.175	21
100	25.879	.2289	26.274	25.399	21
125	26.195	.1810	26.435	25.750	21
150	26.411	.0994	26.548	26.168	21
175	26.542	.0500	26.626	26.462	21
200	26.617	.0355	26.675	26.553	21
225	26.669	.0335	26.722	26.590	21
250	26.713	.0328	26.764	26.640	21
300	26.791	.0314	26.845	26.729	21
400	26.916	.0252	26.965	26.867	21
500	27.022	.0212	27.063	26.977	21
600	27.115	.0197	27.152	27.074	21
700	27.197	.0171	27.243	27.172	21
800	27.265	.0178	27.309	27.221	21
900	27.324	.0174	27.365	27.276	21
1000	27.376	.0169	27.412	27.337	21
1200	27.463	.0184	27.498	27.428	21
1500	27.565	.0137	27.595	27.537	14
2000	27.678	.0055	27.686	27.672	8

SVA

MEAN	S.D.	MAX	MIN	N
416.7	32.49	493.7	323.4	21
412.5	31.08	482.8	329.5	21
399.1	31.43	461.4	330.2	21
355.8	36.58	410.1	295.0	21
278.8	16.72	318.9	259.1	21
246.4	16.50	281.4	206.3	21
214.5	21.75	260.3	177.1	21
184.9	17.19	227.3	162.2	21
164.8	9.40	187.8	151.8	21
152.7	4.76	160.2	144.6	21
145.9	3.39	152.1	140.2	21
141.2	3.24	149.0	136.1	21
137.5	3.19	144.4	132.3	21
130.3	3.05	136.4	125.0	21
119.0	2.43	124.0	114.4	21
109.7	2.12	114.3	105.8	21
101.5	1.96	105.7	98.0	21
94.3	1.67	96.8	89.9	21
88.4	1.75	92.9	84.3	21
83.2	1.68	88.1	79.5	21
78.6	1.61	82.3	75.3	21
70.7	1.77	74.1	67.5	21
61.2	1.37	64.0	58.4	14
50.6	.55	51.3	49.8	8

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	14.97	1.268	17.90	11.30	21
10	14.79	1.211	17.40	11.57	21
20	14.26	1.280	16.68	11.60	21
30	12.39	1.680	15.00	9.35	21
50	8.93	.985	10.76	7.56	21
75	7.70	.658	9.36	6.64	21
100	7.41	.425	8.40	6.78	21
125	7.29	.270	7.81	6.71	21
150	7.15	.292	7.73	6.72	21
175	6.93	.251	7.50	6.56	21
200	6.66	.230	7.25	6.34	21
225	6.38	.256	7.09	6.01	21
250	6.11	.263	6.79	5.72	21
300	5.68	.268	6.23	5.31	21
400	5.06	.241	5.50	4.63	21
500	4.63	.198	4.96	4.28	21
600	4.32	.164	4.58	3.99	21
700	4.07	.119	4.24	3.89	21
800	3.83	.106	4.04	3.60	21
900	3.60	.085	3.78	3.42	21
1000	3.37	.071	3.49	3.24	21
1200	2.93	.058	3.03	2.81	21
1500	2.39	.050	2.50	2.33	14
2000	1.78	.032	1.84	1.75	8

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
416.7	32.49	493.7	323.4	21
412.2	31.07	482.5	329.3	21
398.6	31.39	460.7	329.7	21
355.1	36.48	409.3	294.4	21
277.9	16.63	317.8	258.3	21
245.2	16.46	279.9	205.0	21
212.9	21.74	258.6	175.4	21
182.9	17.21	225.2	160.1	21
162.3	9.43	185.5	149.4	21
149.9	4.74	157.5	141.9	21
142.8	3.35	148.8	137.3	21
137.8	3.17	145.3	132.8	21
133.7	3.11	140.5	128.8	21
126.2	2.99	132.1	121.1	21
114.3	2.38	118.9	109.6	21
104.2	2.02	108.4	100.3	21
95.3	1.85	99.1	91.8	21
87.5	1.62	89.8	83.1	21
81.0	1.68	85.1	76.8	21
75.4	1.66	79.9	71.5	21
70.4	1.61	74.1	66.9	21
62.1	1.73	65.4	58.7	21
52.3	1.31	54.9	49.4	14
41.4	.48	42.1	40.7	8

STATION MP06 S E P T E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	21
10	.417	.0316	.490	.330	21
20	.824	.0609	.960	.660	21
30	1.203	.0819	1.400	.990	21
50	1.830	.1125	2.100	1.600	21
75	2.484	.1423	2.770	2.200	21
100	3.060	.1754	3.370	2.680	21
125	3.557	.2196	3.970	3.100	21
150	3.991	.2457	4.490	3.490	21
175	4.387	.2623	4.920	3.860	21
200	4.759	.2678	5.300	4.220	21
225	5.119	.2715	5.660	4.570	21
250	5.466	.2737	6.010	4.910	21
300	6.133	.2781	6.690	5.560	21
400	7.375	.2887	7.960	6.780	21
500	8.519	.2990	9.130	7.920	21
600	9.573	.3057	10.200	8.990	21
700	10.549	.3117	11.180	9.980	21
800	11.462	.3159	12.090	10.910	21
900	12.320	.3220	12.950	11.770	21
1000	13.129	.3280	13.760	12.580	21
1200	14.619	.3368	15.250	14.070	21
1500	16.616	.3910	17.230	16.000	14
2000	19.481	.4694	20.050	18.790	8

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	21
.02	.000	.02	.02	21
.08	.007	.10	.07	21
.18	.013	.21	.15	21
.43	.029	.49	.40	21
.85	.051	.94	.78	21
1.36	.088	1.54	1.20	21
1.93	.142	2.24	1.69	21
2.54	.187	2.97	2.24	21
3.19	.212	3.68	2.85	21
3.91	.224	4.41	3.54	21
4.68	.233	5.19	4.29	21
5.52	.241	6.04	5.11	21
7.40	.261	7.94	6.94	21
11.82	.321	12.47	11.28	21
17.06	.391	17.82	16.42	21
22.96	.475	23.81	22.16	21
29.44	.564	30.32	28.38	21
36.41	.669	37.47	35.01	21
43.83	.788	45.27	42.09	21
51.66	.921	53.53	49.59	21
68.36	1.205	71.01	65.52	21
95.55	1.832	99.50	91.29	14
146.03	2.268	150.86	142.90	8

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.04	.042	6.07	6.01	2
10	6.10	.127	6.19	6.01	2
20	6.37	.537	6.75	5.99	2
30	6.44	.622	6.88	6.00	2
50	6.45	.170	6.57	6.33	2
75	5.94	.488	6.28	5.59	2
100	5.01	1.096	5.79	4.24	2
125	4.35	1.245	5.23	3.47	2
150	3.76	1.160	4.58	2.94	2
175	3.38	1.393	4.37	2.40	2
200	3.05	1.117	3.84	2.26	2
225	2.90	.990	3.60	2.20	2
250	2.76	.912	3.41	2.12	2
300	2.23	.566	2.63	1.83	2
400	1.39	.141	1.49	1.29	2
500	.88	.106	.95	.80	2
600	.52	.035	.54	.49	2
700	.44	.035	.46	.41	2
800	.37	.085	.43	.31	2
900	.35	.071	.40	.30	2
1000	.34	.057	.38	.30	2
1200	.45	.064	.50	.41	2
1500	.75	.028	.77	.73	2
2000	1.52	.049	1.56	1.49	2

SOUND

MEAN	S.D.	MAX	MIN	N
1504	3.9	1512	1492	21
1503	3.9	1511	1493	21
1502	4.1	1509	1493	21
1496	5.6	1504	1485	21
1484	3.7	1491	1479	21
1480	2.5	1486	1476	21
1480	1.7	1483	1477	21
1480	1.1	1483	1478	21
1480	1.3	1483	1479	21
1480	1.0	1482	1479	21
1479	1.1	1482	1478	21
1479	1.1	1482	1477	21
1478	1.1	1481	1477	21
1477	1.2	1480	1476	21
1477	1.1	1478	1475	21
1477	.9	1478	1475	21
1477	.8	1478	1476	21
1478	.6	1479	1477	21
1479	.5	1479	1478	21
1479	.5	1480	1478	21
1480	.3	1481	1479	21
1482	.5	1482	1481	21
1485	.5	1485	1484	14
1490	.5	1491	1490	8

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.128	.3278	13.760	12.581	21
10	12.712	.3211	13.339	12.181	21
20	12.304	.3175	12.925	11.765	21
30	11.924	.2968	12.515	11.410	21
50	11.299	.2577	11.816	10.860	21
75	10.644	.2325	11.082	10.246	21
100	10.070	.2058	10.403	9.694	21
125	9.572	.1816	9.923	9.208	21
150	9.136	.1660	9.507	8.794	21
175	8.741	.1568	9.105	8.411	21
200	8.368	.1498	8.718	8.045	21
225	8.010	.1431	8.341	7.691	21
250	7.662	.1369	7.976	7.349	21
300	6.994	.1247	7.277	6.698	21
400	5.752	.1009	5.978	5.515	21
500	4.610	.0849	4.812	4.414	21
600	3.556	.0657	3.712	3.400	21
700	2.578	.0489	2.701	2.460	21
800	1.665	.0322	1.754	1.592	21
900	.809	.0168	.853	.775	21
1000	.000	.0000	.000	.000	21
1200	-1.490	.0315	-1.421	-1.559	21
1500	-3.459	.0756	-3.298	-3.633	14
2000	-6.301	.0984	-6.189	-6.526	8

STATION MP06 O C T O B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.91	1.336	14.34	10.75	16
10	12.83	1.313	14.33	10.73	16
20	12.34	1.319	14.28	10.67	16
30	11.26	1.590	14.22	9.21	16
50	8.64	1.493	13.77	7.20	16
75	7.70	.745	10.05	6.57	16
100	7.55	.374	8.61	6.90	16
125	7.30	.340	8.18	6.80	16
150	7.02	.208	7.36	6.70	16
175	6.77	.228	7.19	6.45	16
200	6.54	.218	7.02	6.25	16
225	6.30	.201	6.76	6.07	16
250	6.09	.210	6.52	5.81	16
300	5.66	.285	6.14	5.29	15
400	5.12	.319	5.54	4.62	14
500	4.69	.226	4.98	4.33	14
600	4.34	.187	4.54	4.01	14
700	4.11	.143	4.24	3.80	13
800	3.86	.122	4.01	3.64	13
900	3.64	.105	3.76	3.44	13
1000	3.43	.087	3.57	3.29	13
1200	3.01	.052	3.09	2.93	13
1500	2.49	.032	2.52	2.43	9
2000	1.92	.021	1.95	1.89	8

SALINITY

MEAN	S.D.	MAX	MIN	N
32.213	.1514	32.470	32.004	16
32.213	.1611	32.520	32.001	16
32.262	.1399	32.558	32.022	16
32.367	.1344	32.583	32.154	16
32.585	.1213	32.773	32.389	16
33.028	.1979	33.139	32.562	16
33.346	.2470	33.569	32.630	16
33.649	.2225	33.794	32.864	16
33.809	.1076	33.886	33.424	16
33.872	.0793	33.984	33.611	16
33.905	.0571	34.009	33.732	16
33.924	.0457	34.030	33.802	16
33.939	.0431	34.040	33.841	16
33.957	.0491	34.060	33.863	15
34.020	.0392	34.125	33.969	14
34.096	.0363	34.193	34.042	14
34.170	.0339	34.259	34.132	14
34.240	.0359	34.329	34.200	13
34.299	.0366	34.400	34.255	13
34.351	.0281	34.429	34.310	13
34.394	.0273	34.474	34.361	13
34.456	.0301	34.541	34.416	13
34.516	.0121	34.530	34.494	9
34.593	.0112	34.608	34.576	8

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.270	.3299	24.837	23.942	16
10	24.286	.3255	24.836	23.937	16
20	24.417	.3057	24.854	23.980	16
30	24.693	.3517	25.179	24.061	16
50	25.297	.3389	25.547	24.088	16
75	25.712	.2269	25.932	25.065	16
100	26.062	.2263	26.251	25.348	16
125	26.336	.2048	26.488	25.595	16
150	26.500	.0840	26.583	26.211	16
175	26.584	.0568	26.662	26.408	16
200	26.640	.0438	26.712	26.528	16
225	26.687	.0397	26.773	26.608	16
250	26.725	.0342	26.807	26.668	16
300	26.793	.0328	26.872	26.745	15
400	26.907	.0368	26.988	26.857	14
500	27.016	.0369	27.089	26.962	14
600	27.113	.0325	27.179	27.071	14
700	27.193	.0314	27.262	27.151	13
800	27.265	.0311	27.343	27.218	13
900	27.329	.0274	27.396	27.284	13
1000	27.383	.0253	27.448	27.344	13
1200	27.472	.0255	27.541	27.441	13
1500	27.567	.0110	27.582	27.550	9
2000	27.674	.0103	27.687	27.658	8

SVA

MEAN	S.D.	MAX	MIN	N
366.2	31.42	397.5	312.2	16
364.9	31.05	398.1	312.5	16
352.7	29.16	394.4	310.9	16
326.5	33.57	386.8	280.1	16
269.2	32.40	384.8	245.4	16
230.0	21.65	291.9	209.1	16
197.2	21.52	265.2	179.3	16
171.6	19.46	242.0	157.1	16
156.3	7.97	183.7	148.5	16
148.6	5.39	165.2	141.3	16
143.6	4.17	154.1	136.8	16
139.4	3.80	146.8	131.2	16
136.0	3.27	141.6	128.3	16
129.9	3.17	134.6	122.5	15
119.9	3.67	125.0	112.3	14
110.2	3.64	115.6	103.4	14
101.6	3.23	105.7	95.4	14
94.7	3.03	98.8	88.2	13
88.3	3.00	92.9	81.1	13
82.7	2.69	87.1	76.4	13
77.9	2.49	81.9	71.9	13
69.9	2.43	72.8	63.5	13
61.1	1.07	62.5	59.4	9
50.9	.97	52.6	49.7	8

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.91	1.336	14.34	10.75	16
10	12.83	1.313	14.33	10.73	16
20	12.34	1.319	14.28	10.67	16
30	11.26	1.590	14.22	9.21	16
50	8.64	1.491	13.76	7.20	16
75	7.69	.745	10.04	6.56	16
100	7.54	.374	8.60	6.89	16
125	7.29	.340	8.16	6.79	16
150	7.01	.206	7.34	6.69	16
175	6.75	.226	7.17	6.44	16
200	6.52	.217	7.00	6.23	16
225	6.28	.201	6.74	6.05	16
250	6.07	.208	6.49	5.79	16
300	5.64	.281	6.11	5.27	15
400	5.09	.319	5.51	4.59	14
500	4.65	.224	4.94	4.30	14
600	4.30	.184	4.49	3.97	14
700	4.06	.141	4.18	3.75	13
800	3.80	.122	3.95	3.58	13
900	3.57	.103	3.70	3.38	13
1000	3.36	.085	3.49	3.22	13
1200	2.93	.050	3.00	2.85	13
1500	2.39	.031	2.42	2.33	9
2000	1.78	.022	1.81	1.75	8

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
366.2	31.42	397.5	312.2	16
364.6	31.02	397.9	312.3	16
352.2	29.13	393.8	310.5	16
325.8	33.48	386.0	279.6	16
268.4	32.26	383.4	244.5	16
228.8	21.57	290.3	207.3	16
195.5	21.51	263.4	177.6	16
169.6	19.44	239.9	155.1	16
153.9	7.98	181.4	146.1	16
145.9	5.40	162.6	138.5	16
140.6	4.15	151.2	133.7	16
136.1	3.76	143.6	127.9	16
132.4	3.25	137.8	124.7	16
126.0	3.11	130.6	118.5	15
115.1	3.49	119.9	107.4	14
104.7	3.49	109.9	97.8	14
95.5	3.08	99.4	89.2	14
87.9	2.95	91.8	81.3	13
81.0	2.95	85.4	73.6	13
74.9	2.58	79.1	68.6	13
69.7	2.39	73.4	63.6	13
61.2	2.41	64.2	54.7	13
52.2	1.01	53.7	50.7	9
41.8	.92	43.3	40.6	8

STATION MP06 O C T O B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	16
10	.366	.0330	.410	.310	16
20	.727	.0591	.790	.620	16
30	1.069	.0776	1.160	.940	16
50	1.665	.1086	1.920	1.520	16
75	2.287	.1621	2.760	2.120	16
100	2.820	.2129	3.450	2.620	16
125	3.279	.2631	4.090	3.040	16
150	3.687	.2961	4.630	3.420	16
175	4.066	.3061	5.050	3.780	16
200	4.430	.3138	5.450	4.140	16
225	4.784	.3208	5.830	4.480	16
250	5.129	.3236	6.190	4.820	16
300	5.789	.3383	6.870	5.470	15
400	7.056	.3550	8.160	6.690	14
500	8.207	.3700	9.350	7.810	14
600	9.266	.3838	10.430	8.840	14
700	10.275	.3946	11.420	9.810	13
800	11.188	.4099	12.360	10.710	13
900	12.045	.4243	13.230	11.550	13
1000	12.845	.4397	14.050	12.330	13
1200	14.325	.4693	15.560	13.780	13
1500	16.362	.5755	17.590	15.700	9
2000	19.139	.6520	20.460	18.440	8

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	16
.02	.000	.02	.02	16
.07	.008	.08	.06	16
.16	.013	.18	.14	16
.40	.031	.49	.37	16
.80	.069	1.02	.74	16
1.27	.116	1.64	1.17	16
1.80	.173	2.37	1.67	16
2.37	.220	3.12	2.22	16
3.00	.238	3.82	2.82	16
3.69	.254	4.58	3.50	16
4.46	.268	5.40	4.24	16
5.29	.277	6.26	5.05	16
7.15	.310	8.19	6.87	15
11.62	.386	12.79	11.24	14
16.89	.512	18.21	16.19	14
22.82	.667	24.26	21.73	14
29.37	.844	30.85	27.82	13
36.35	1.057	37.99	34.27	13
43.76	1.289	45.55	41.08	13
51.53	1.524	53.68	48.25	13
68.09	2.023	70.86	63.40	13
95.77	3.105	98.32	92.69	9
145.46	3.014	149.35	141.38	8

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.23	.013	6.25	6.22	4
10	6.26	.041	6.32	6.23	4
20	6.26	.042	6.30	6.21	4
30	6.24	.113	6.41	6.16	4
50	6.06	.298	6.49	5.84	4
75	4.90	.359	5.43	4.67	4
100	3.88	.127	4.04	3.77	4
125	3.46	.187	3.69	3.25	4
150	3.13	.260	3.29	2.74	4
175	2.98	.050	3.04	2.92	4
200	2.82	.082	2.88	2.70	4
225	2.61	.139	2.74	2.42	4
250	2.40	.207	2.61	2.16	4
300	2.05	.270	2.27	1.68	4
400	1.34	.152	1.45	1.12	4
500	.86	.066	.91	.78	4
600	.55	.034	.59	.52	4
700	.42	.012	.43	.41	3
800	.31	.015	.33	.30	3
900	.31	.015	.32	.29	3
1000	.31	.012	.32	.30	3
1200	.43	.010	.44	.42	3
1500	.76	.006	.76	.75	3
2000	1.47	.030	1.50	1.44	3

SOUND

MEAN	S.D.	MAX	MIN	N
1497	4.5	1502	1490	16
1497	4.4	1502	1490	16
1495	4.4	1502	1490	16
1492	5.3	1502	1485	16
1483	5.4	1501	1477	16
1480	2.9	1489	1475	16
1481	1.4	1484	1478	16
1481	1.3	1483	1478	16
1480	.8	1481	1479	16
1479	.9	1481	1478	16
1479	.9	1481	1478	16
1479	.7	1480	1478	16
1478	1.0	1480	1477	16
1477	1.2	1479	1476	15
1477	1.2	1478	1475	14
1477	1.1	1478	1475	14
1477	.8	1478	1476	14
1478	.7	1478	1476	13
1479	.7	1479	1477	13
1479	.8	1480	1478	13
1480	.4	1481	1479	13
1482	.5	1482	1481	13
1484	.5	1485	1484	9
1490	.4	1491	1490	8

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.847	.4391	14.049	12.332	13
10	12.474	.4235	13.666	12.019	13
20	12.110	.4101	13.283	11.707	13
30	11.766	.3978	12.899	11.367	13
50	11.171	.3626	12.129	10.687	13
75	10.543	.3228	11.290	10.030	13
100	10.004	.3037	10.597	9.441	13
125	9.542	.2807	9.958	8.954	13
150	9.130	.2653	9.512	8.536	13
175	8.748	.2562	9.124	8.167	13
200	8.383	.2472	8.749	7.820	13
225	8.028	.2390	8.381	7.484	13
250	7.683	.2308	8.023	7.160	13
300	7.017	.2153	7.332	6.533	13
400	5.766	.1829	6.036	5.357	13
500	4.614	.1479	4.832	4.280	13
600	3.553	.1138	3.725	3.291	13
700	2.571	.0840	2.703	2.371	13
800	1.658	.0546	1.745	1.526	13
900	.802	.0260	.845	.740	13
1000	.000	.0000	.000	.000	13
1200	-1.477	.0470	-1.352	-1.554	13
1500	-3.462	.0675	-3.372	-3.543	9
2000	-6.259	.1177	-6.111	-6.413	8

STATION MP06 N O V E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.36	.906	11.55	8.35	12
10	10.36	.907	11.56	8.35	12
20	10.35	.913	11.57	8.32	12
30	10.33	.919	11.58	8.31	12
50	9.90	1.029	11.05	8.07	12
75	8.44	.516	8.98	7.36	12
100	7.79	.479	8.46	6.76	11
125	7.51	.342	8.04	6.86	11
150	7.22	.353	7.89	6.86	11
175	6.99	.379	7.73	6.69	11
200	6.76	.405	7.53	6.37	11
225	6.49	.445	7.34	6.08	11
250	6.23	.469	7.16	5.81	11
300	5.77	.503	6.80	5.37	11
400	5.02	.360	5.75	4.68	11
500	4.59	.278	5.34	4.32	11
600	4.30	.256	4.85	4.01	11
700	3.99	.146	4.36	3.83	10
800	3.79	.101	4.04	3.68	10
900	3.60	.093	3.84	3.52	10
1000	3.39	.106	3.64	3.23	10
1200	3.00	.062	3.11	2.93	10
1500	2.48	.047	2.54	2.41	5
2000	1.92	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.356	.0871	32.507	32.257	12
32.356	.0869	32.505	32.250	12
32.359	.0929	32.530	32.248	12
32.362	.0965	32.543	32.246	12
32.410	.1241	32.643	32.259	12
32.768	.1529	33.064	32.584	12
33.218	.1680	33.481	33.032	11
33.582	.1020	33.714	33.470	11
33.790	.0631	33.867	33.693	11
33.873	.0357	33.921	33.810	11
33.907	.0290	33.942	33.851	11
33.919	.0283	33.968	33.880	11
33.931	.0310	33.983	33.889	11
33.953	.0318	34.018	33.914	11
34.003	.0222	34.055	33.973	11
34.081	.0332	34.146	34.018	11
34.171	.0276	34.233	34.130	11
34.245	.0267	34.295	34.214	10
34.303	.0246	34.358	34.271	10
34.355	.0221	34.406	34.330	10
34.394	.0199	34.436	34.374	10
34.459	.0156	34.483	34.438	10
34.527	.0115	34.540	34.509	5
34.595	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.850	.2089	25.291	24.616	12
10	24.850	.2082	25.289	24.615	12
20	24.853	.2134	25.313	24.617	12
30	24.860	.2175	25.325	24.618	12
50	24.967	.2531	25.438	24.712	12
75	25.510	.1503	25.691	25.255	12
100	25.928	.1260	26.124	25.746	11
125	26.254	.0761	26.382	26.155	11
150	26.458	.0593	26.544	26.369	11
175	26.554	.0509	26.622	26.471	11
200	26.613	.0492	26.670	26.528	11
225	26.658	.0470	26.713	26.576	11
250	26.701	.0475	26.761	26.618	11
300	26.775	.0499	26.834	26.677	11
400	26.905	.0430	26.964	26.824	11
500	27.016	.0457	27.071	26.930	11
600	27.118	.0397	27.167	27.026	11
700	27.209	.0243	27.248	27.156	10
800	27.276	.0191	27.314	27.246	10
900	27.336	.0173	27.371	27.314	10
1000	27.387	.0161	27.415	27.361	10
1200	27.476	.0107	27.489	27.462	10
1500	27.575	.0090	27.586	27.561	5
2000	27.675	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
311.0	19.87	333.2	269.0	12
311.1	19.82	333.5	269.1	12
311.0	20.34	333.6	267.2	12
310.6	20.75	333.7	266.2	12
300.7	24.17	328.1	255.7	12
249.4	14.32	273.7	232.2	12
210.0	11.96	227.3	191.3	11
179.4	7.24	188.6	167.2	11
160.4	5.68	167.1	152.2	11
151.6	4.94	159.7	145.1	11
146.3	4.82	154.6	140.7	11
142.2	4.65	150.4	136.9	11
138.4	4.74	146.7	132.5	11
131.7	5.04	141.6	125.9	11
119.9	4.36	128.2	114.3	11
110.1	4.56	120.0	104.9	11
101.1	4.04	110.5	96.5	11
93.0	2.40	98.5	89.4	10
87.2	1.83	90.4	83.7	10
82.0	1.68	84.5	78.8	10
77.4	1.64	80.5	75.0	10
69.5	.99	70.8	68.2	10
60.2	.91	61.6	59.2	5
50.9	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.36	.906	11.55	8.35	12
10	10.36	.907	11.56	8.35	12
20	10.35	.913	11.57	8.32	12
30	10.33	.919	11.57	8.31	12
50	9.88	1.027	11.04	8.07	12
75	8.43	.516	8.97	7.35	12
100	7.78	.479	8.45	6.75	11
125	7.50	.342	8.03	6.85	11
150	7.21	.349	7.87	6.85	11
175	6.98	.378	7.71	6.68	11
200	6.74	.405	7.51	6.35	11
225	6.47	.445	7.32	6.06	11
250	6.21	.467	7.13	5.79	11
300	5.75	.500	6.77	5.35	11
400	4.99	.360	5.72	4.65	11
500	4.55	.278	5.30	4.28	11
600	4.26	.254	4.90	3.97	11
700	3.94	.146	4.31	3.78	10
800	3.73	.101	3.98	3.62	10
900	3.53	.092	3.77	3.45	10
1000	3.35	.106	3.57	3.16	10
1200	2.98	.059	3.02	2.85	10
1500	2.38	.047	2.44	2.31	5
2000	1.79	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
311.0	19.87	333.2	269.0	12
310.9	19.81	333.3	269.1	12
310.6	20.31	333.1	266.9	12
309.9	20.69	333.0	265.7	12
299.7	24.08	324.0	254.9	12
248.1	14.29	272.3	230.8	12
208.3	11.94	225.5	189.7	11
177.3	7.23	186.7	165.1	11
157.9	5.61	164.4	149.8	11
148.8	4.81	156.6	142.3	11
143.1	4.65	151.2	137.2	11
138.8	4.42	146.5	133.7	11
134.8	4.46	142.6	129.1	11
127.7	4.70	136.9	122.1	11
115.3	4.06	123.0	109.8	11
104.8	4.31	113.8	99.6	11
95.1	3.74	103.7	90.4	11
86.4	2.29	91.3	82.7	10
80.0	1.80	82.7	76.3	10
74.3	1.64	76.3	70.9	10
69.3	1.54	71.8	66.7	10
60.9	1.02	62.2	59.6	10
51.3	.88	52.7	50.3	5
41.7	n/a	n/a	n/a	1

STATION MP06 N O V E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	12
10	.313	.0191	.330	.270	12
20	.522	.0403	.670	.540	12
30	.934	.0617	1.000	.800	12
50	1.558	.1021	1.660	1.340	12
75	2.344	.1287	2.390	2.010	12
100	2.830	.1426	3.010	2.540	11
125	3.316	.1599	3.510	2.990	11
150	3.736	.1735	3.940	3.380	11
175	4.126	.1803	4.330	3.760	11
200	4.499	.1885	4.710	4.110	11
225	4.859	.1954	5.070	4.460	11
250	5.210	.1997	5.420	4.800	11
300	5.885	.2142	6.090	5.450	11
400	7.143	.2404	7.380	6.660	11
500	8.291	.2683	8.620	7.770	11
600	9.345	.3004	9.770	8.790	11
700	10.270	.2937	10.650	9.750	10
800	11.169	.3078	11.590	10.630	10
900	12.015	.3190	12.470	11.470	10
1000	12.811	.3313	13.290	12.260	10
1200	14.279	.3575	14.800	13.690	10
1500	15.978	.3421	16.520	15.620	5
2000	19.340	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	12
.02	.005	.02	.01	12
.06	.007	.07	.05	12
.14	.011	.15	.12	12
.40	.028	.42	.34	12
.83	.047	.90	.75	12
1.35	.067	1.45	1.24	11
1.90	.090	2.02	1.75	11
2.49	.105	2.63	2.31	11
3.13	.119	3.27	2.92	11
3.84	.130	3.98	3.61	11
4.63	.148	4.78	4.36	11
5.47	.166	5.64	5.18	11
7.37	.224	7.65	6.99	11
11.85	.366	12.44	11.32	11
17.11	.544	18.14	16.41	11
23.02	.782	24.60	22.13	11
29.24	.767	30.99	28.29	10
36.14	.915	38.20	34.90	10
43.46	1.050	45.77	41.93	10
51.17	1.197	53.75	49.36	10
67.63	1.483	70.68	65.43	10
93.27	1.328	95.36	91.79	5
145.54	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.31	.057	6.35	6.27	2
10	6.31	.085	6.37	6.25	2
20	6.23	.071	6.28	6.18	2
30	6.17	.099	6.24	6.10	2
50	6.31	.078	6.36	6.25	2
75	5.28	1.096	6.05	4.50	5
100	4.23	.742	4.75	3.70	5
125	3.50	.856	4.10	2.89	5
150	3.11	.848	3.78	2.44	5
175	2.92	.913	3.90	2.35	5
200	2.79	.742	3.72	2.27	5
225	2.77	.679	3.55	2.29	5
250	2.72	.636	3.57	2.37	5
300	2.25	.148	2.36	2.15	5
400	1.67	.226	1.83	1.51	5
500	.91	.269	1.10	.52	5
600	.64	.113	.72	.56	2
700	.46	n/a	n/a	n/a	1
800	.38	n/a	n/a	n/a	1
900	.37	n/a	n/a	n/a	1
1000	.37	n/a	n/a	n/a	1
1200	.57	n/a	n/a	n/a	1
1500	.81	n/a	n/a	n/a	1
2000	1.61	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1488	3.4	1493	1481	12
1489	3.3	1493	1481	12
1488	3.3	1493	1481	12
1489	3.4	1493	1481	12
1488	3.7	1493	1481	12
1482	2.0	1485	1479	12
1481	2.9	1484	1477	11
1481	1.3	1483	1479	11
1481	1.3	1483	1479	11
1480	1.5	1483	1479	11
1480	1.6	1483	1478	11
1479	1.9	1483	1478	11
1479	1.8	1482	1477	11
1478	2.0	1482	1476	11
1476	1.4	1479	1475	11
1476	1.0	1479	1475	11
1477	1.2	1479	1476	11
1477	.7	1479	1477	10
1478	.3	1479	1478	10
1479	.3	1480	1479	10
1480	.5	1481	1479	10
1482	.5	1482	1481	10
1484	.4	1485	1484	5
1490	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.811	.3324	13.291	12.257	10
10	12.499	.3189	12.969	11.988	10
20	12.186	.3061	12.647	11.719	10
30	11.873	.2931	12.323	11.453	10
50	11.249	.2677	11.664	10.876	10
75	10.559	.2548	11.038	10.219	10
100	9.983	.2457	10.501	9.667	10
125	9.497	.2378	10.032	9.192	10
150	9.076	.2289	9.604	8.773	10
175	8.690	.2189	9.198	8.390	10
200	8.320	.2090	8.805	8.025	10
225	7.962	.2003	8.425	7.670	10
250	7.613	.1910	8.053	7.326	10
300	6.942	.1720	7.337	6.673	10
400	5.692	.1346	5.999	5.474	10
500	4.553	.1064	4.795	4.377	10
600	3.508	.0758	3.669	3.371	10
700	2.541	.0520	2.641	2.444	10
800	1.642	.0327	1.698	1.579	10
900	.796	.0163	.823	.767	10
1000	.000	.0000	.000	.000	10
1200	-1.468	.0279	-1.434	-1.511	10
1500	-3.386	.0449	-3.354	-3.463	5
2000	-6.287	n/a	n/a	n/a	1

STATION MP06 D E C E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.82	.711	11.16	8.53	16
10	9.80	.721	11.19	8.52	16
20	9.80	.718	11.19	8.55	16
30	9.79	.727	11.19	8.50	16
50	9.30	1.101	11.18	7.17	16
75	7.79	.504	8.92	7.20	16
100	7.49	.547	8.96	6.90	16
125	7.28	.486	8.47	6.80	16
150	7.08	.512	8.22	6.45	16
175	6.90	.534	8.01	6.29	16
200	6.70	.569	7.87	6.06	16
225	6.48	.603	7.68	5.76	16
250	6.28	.618	7.52	5.57	16
300	5.96	.577	7.05	5.33	16
400	5.30	.480	6.42	4.75	16
500	4.87	.376	5.84	4.47	16
600	4.50	.293	5.21	4.15	16
700	4.19	.206	4.64	3.93	16
800	3.94	.149	4.22	3.71	16
900	3.69	.129	3.94	3.52	16
1000	3.46	.155	3.71	3.28	16
1200	3.03	.167	3.25	2.90	14
1500	2.45	.070	2.57	2.37	9
2000	1.93	.042	1.96	1.90	2

SALINITY

PRESS	MEAN	S.D.	MAX	MIN	N
0	32.235	.1099	32.390	32.030	16
10	32.248	.1024	32.400	32.030	16
20	32.259	.0901	32.400	32.110	16
30	32.278	.0816	32.403	32.154	16
50	32.465	.1461	32.780	32.270	16
75	33.025	.2161	33.350	32.640	16
100	33.410	.2185	33.690	32.916	16
125	33.691	.1046	33.850	33.466	16
150	33.829	.0551	33.940	33.722	16
175	33.883	.0424	33.970	33.820	16
200	33.911	.0416	33.990	33.859	16
225	33.929	.0442	34.010	33.868	16
250	33.943	.0454	34.020	33.876	16
300	33.973	.0400	34.029	33.898	16
400	34.027	.0233	34.058	33.979	16
500	34.092	.0239	34.130	34.044	16
600	34.159	.0272	34.200	34.096	16
700	34.226	.0261	34.270	34.169	16
800	34.287	.0258	34.340	34.239	16
900	34.339	.0223	34.380	34.303	16
1000	34.382	.0218	34.420	34.354	16
1200	34.448	.0225	34.490	34.422	14
1500	34.504	.0105	34.520	34.487	9
2000	34.578	.0088	34.585	34.571	2

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.846	.0854	25.071	24.741	16
10	24.860	.0892	25.071	24.742	16
20	24.868	.0915	25.071	24.743	16
30	24.884	.1153	25.153	24.741	16
50	25.107	.2700	25.673	24.752	16
75	25.777	.1605	26.021	25.506	16
100	26.120	.1514	26.326	25.815	16
125	26.371	.0877	26.499	26.214	16
150	26.507	.0758	26.598	26.357	16
175	26.573	.0685	26.660	26.409	16
200	26.622	.0668	26.700	26.462	16
225	26.666	.0652	26.743	26.516	16
250	26.703	.0661	26.774	26.555	16
300	26.767	.0640	26.838	26.641	16
400	26.890	.0582	26.958	26.755	16
500	26.993	.0531	27.049	26.866	16
600	27.086	.0495	27.133	26.957	16
700	27.173	.0383	27.215	27.080	16
800	27.248	.0306	27.293	27.181	16
900	27.314	.0257	27.356	27.261	16
1000	27.371	.0232	27.409	27.335	16
1200	27.464	.0227	27.504	27.423	14
1500	27.560	.0116	27.569	27.536	9
2000	27.662	.0074	27.665	27.658	2

SVA

PRESS	MEAN	S.D.	MAX	MIN	N
0	311.4	8.15	321.4	289.9	16
10	310.2	8.50	321.5	290.1	16
20	309.6	8.72	321.5	290.3	16
30	308.3	11.01	321.9	282.5	16
50	287.3	25.77	321.3	233.4	16
75	223.9	15.23	249.6	200.8	16
100	191.7	14.36	220.5	172.2	16
125	168.3	8.38	183.2	156.0	16
150	155.6	7.35	170.3	146.9	16
175	149.7	6.67	165.7	141.3	16
200	145.3	6.56	161.0	137.8	16
225	141.3	6.45	156.3	134.0	16
250	138.3	6.54	153.8	131.3	16
300	132.6	6.40	145.2	125.7	16
400	121.6	5.90	135.4	114.8	16
500	112.6	5.43	125.7	107.0	16
600	104.3	5.06	117.5	99.5	16
700	96.7	5.90	106.1	92.7	16
800	90.1	5.10	96.9	85.8	16
900	84.2	5.64	89.7	80.1	16
1000	79.1	5.40	85.1	75.4	16
1200	70.6	2.33	75.1	66.7	14
1500	61.5	1.20	64.2	60.4	9
2000	52.2	.28	52.4	52.0	2

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.82	.711	11.16	8.53	16
10	9.80	.721	11.19	8.52	16
20	9.80	.718	11.19	8.55	16
30	9.79	.725	11.18	8.50	16
50	9.29	1.100	11.17	7.17	16
75	7.77	.504	8.91	7.19	16
100	7.48	.547	8.95	6.89	16
125	7.27	.486	8.46	6.79	16
150	7.06	.510	8.20	6.44	16
175	6.88	.535	8.00	6.28	16
200	6.68	.569	7.85	6.04	16
225	6.46	.603	7.66	5.74	16
250	6.26	.617	7.50	5.55	16
300	5.94	.575	7.02	5.30	16
400	5.27	.477	6.38	4.69	16
500	4.83	.378	5.80	4.43	16
600	4.45	.292	5.16	4.10	16
700	4.14	.204	4.58	3.88	16
800	3.88	.148	4.16	3.65	16
900	3.63	.129	3.87	3.45	16
1000	3.38	.155	3.64	3.19	16
1200	2.95	.104	3.16	2.83	14
1500	2.35	.068	2.46	2.27	9
2000	1.79	.042	1.82	1.76	2

SVA (THETA)

PRESS	MEAN	S.D.	MAX	MIN	N
0	311.4	8.15	321.4	289.9	16
10	310.0	8.48	321.3	289.9	16
20	309.2	8.72	321.1	289.9	16
30	307.7	10.97	321.3	282.0	16
50	286.4	25.68	320.1	232.6	16
75	222.6	15.25	248.4	199.5	16
100	190.1	14.38	219.0	170.5	16
125	166.2	8.34	181.1	154.0	16
150	153.6	7.20	167.5	144.6	16
175	146.9	6.49	162.5	138.7	16
200	142.3	6.32	157.4	134.9	16
225	138.1	6.18	152.3	130.8	16
250	134.6	6.25	148.5	127.8	16
300	128.5	6.03	140.3	121.8	16
400	116.3	5.48	129.5	110.4	16
500	106.9	5.03	118.9	101.6	16
600	98.0	4.66	110.2	93.7	16
700	89.8	3.60	98.5	85.6	16
800	82.6	2.90	88.9	78.3	16
900	76.3	2.44	81.3	72.3	16
1000	70.8	2.20	74.2	67.2	16
1200	62.0	1.14	65.8	58.2	14
1500	52.6	1.02	55.0	52.0	9
2000	43.0	.42	43.3	42.7	2

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	16
10	.310	.0089	.320	.290	16
20	.621	.0165	.640	.580	16
30	.929	.0250	.960	.870	16
50	1.533	.0508	1.610	1.450	16
75	2.164	.0849	2.350	2.050	16
100	2.683	.1148	2.900	2.530	16
125	3.139	.1337	3.360	2.950	16
150	3.532	.1447	3.780	3.340	16
175	3.913	.1584	4.180	3.710	16
200	4.282	.1685	4.560	4.060	16
225	4.641	.1797	4.930	4.400	16
250	4.988	.1937	5.290	4.730	16
300	5.668	.2189	6.010	5.370	16
400	6.938	.2721	7.380	6.580	16
500	8.107	.3208	8.660	7.690	16
600	9.191	.3704	9.880	8.730	16
700	10.196	.4085	11.000	9.720	16
800	11.130	.4408	12.010	10.620	16
900	11.999	.4661	12.940	11.460	16
1000	12.816	.4869	13.810	12.260	16
1200	14.251	.5089	15.380	13.740	14
1500	16.103	.4132	16.960	15.700	9
2000	19.055	.4172	19.350	18.760	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	16
.02	.003	.02	.01	16
.06	.004	.07	.06	16
.14	.005	.15	.13	16
.39	.016	.41	.36	16
.79	.042	.88	.72	16
1.25	.071	1.37	1.14	16
1.76	.092	1.92	1.63	16
2.32	.111	2.53	2.18	16
2.95	.132	3.19	2.78	16
3.66	.156	3.92	3.45	16
4.43	.185	4.74	4.18	16
5.28	.220	5.66	4.98	16
7.18	.300	7.74	6.79	16
11.71	.506	12.73	11.09	16
17.07	.755	18.70	16.20	16
23.14	1.041	25.50	22.01	16
29.79	1.320	32.90	28.49	16
36.92	1.588	40.68	35.37	16
44.46	1.823	48.72	42.70	16
52.36	2.043	57.09	50.42	16
68.84	2.440	74.75	66.45	14
95.77	3.145	99.49	94.00	9
146.61	3.394	149.01	144.21	2

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1486	2.7	1491	1481	16
1486	2.9	1492	1481	16
1487	2.8	1492	1482	16
1487	3.6	1492	1482	16
1485	3.9	1492	1478	16
1481	3.0	1485	1478	16
1481	2.2	1486	1478	16
1480	1.9	1485	1478	16
1480	2.0	1485	1478	16
1480	2.0	1484	1478	16
1480	2.3	1484	1477	16
1479	2.4	1484	1476	16
1479	2.5	1484	1476	16
1479	2.4	1483	1476	16
1477	2.0	1482	1475	16
1477	1.5	1481	1476	16
1478	1.1	1480	1476	16
1478	.9	1480	1477	16
1479	.7	1480	1478	16
1479	.5	1480	1479	16
1480	.6	1481	1479	16
1482	.6	1483	1481	14
1484	.5	1485	1484	9
1491	.7	1491	1490	2

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.815	.4877	13.807	12.256	16
10	12.504	.4844	13.496	11.948	16
20	12.194	.4805	13.185	11.640	16
30	11.885	.4757	12.873	11.348	16
50	11.283	.4537	12.248	10.802	16
75	10.651	.4228	11.600	10.187	16
100	10.133	.4087	11.090	9.698	16
125	9.686	.3988	10.633	9.285	16
150	9.283	.3867	10.200	8.906	16
175	8.902	.3733	9.781	8.548	16
200	8.534	.3585	9.371	8.199	16
225	8.176	.3437	8.976	7.859	16
250	7.826	.3277	8.589	7.523	16
300	7.148	.2961	7.845	6.869	16
400	5.877	.2376	6.447	5.656	16
500	4.708	.1826	5.143	4.516	16
600	3.624	.1320	3.930	3.464	16
700	2.619	.0896	2.811	2.495	16
800	1.686	.0537	1.793	1.606	16
900	.815	.0252	.865	.777	16
1000	.000	.0000	.000	.000	16
1200	-1.491	.0453	-1.417	-1.575	14
1500	-3.487	.0577	-3.424	-3.581	9
2000	-6.306	.0863	-6.245	-6.367	2

Table 18. As in Table 14, for Station 4 (P06).

Table 18: STATION MP06 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

SIGMA -T.	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
23.00	16.78	1.039	17.51	16.04	2	31.642	.3331	31.877	31.406	2
23.20	15.43	1.147	16.88	14.20	4	31.569	.3145	31.932	31.164	4
23.40	15.13	.884	16.12	13.58	7	31.719	.2087	31.979	31.298	7
23.60	14.86	.774	15.94	13.00	18	31.896	.1955	32.216	31.425	18
23.80	14.38	.619	15.22	12.45	44	32.009	.1583	32.254	31.544	44
24.00	13.58	.582	14.36	11.93	58	32.062	.1514	32.301	31.656	58
24.20	12.73	.917	14.37	8.71	85	32.107	.2216	32.496	31.202	85
24.40	11.89	.867	13.78	8.72	99	32.159	.2037	32.610	31.470	99
24.60	11.10	.747	12.73	8.72	108	32.232	.1722	32.610	31.717	108
24.80	10.30	.627	11.73	8.58	145	32.303	.1374	32.610	31.927	145
25.00	9.51	.542	10.65	7.64	174	32.385	.1106	32.649	32.025	174
25.20	8.78	.478	10.27	7.60	202	32.487	.0938	32.784	32.255	202
25.40	8.17	.567	10.36	6.86	228	32.623	.1113	33.062	32.380	228
25.60	7.85	.649	10.13	6.53	231	32.820	.1235	33.269	32.581	231
25.80	7.73	.601	9.74	6.36	230	33.051	.1126	33.446	32.791	230
26.00	7.63	.536	9.32	6.55	230	33.287	.0990	33.609	33.059	230
26.20	7.55	.436	8.81	6.50	230	33.518	.0797	33.761	33.339	230
26.40	7.33	.329	8.11	6.51	230	33.738	.0587	33.882	33.594	230
26.60	6.82	.219	7.66	6.19	230	33.902	.0379	34.051	33.796	230
26.80	5.71	.213	6.54	4.97	226	33.975	.0330	34.108	33.867	226
27.00	4.76	.165	5.33	4.30	220	34.086	.0234	34.179	34.023	220
27.10	4.40	.129	4.69	4.06	216	34.163	.0177	34.202	34.116	216
27.20	4.09	.108	4.33	3.78	216	34.246	.0143	34.279	34.207	216
27.30	3.83	.093	4.02	3.45	213	34.327	.0135	34.364	34.292	213
27.40	3.53	.091	3.59	3.03	209	34.403	.0105	34.434	34.367	209
27.50	2.84	.097	3.16	2.46	178	34.473	.0107	34.508	34.430	178
27.60	2.32	.089	2.69	2.14	66	34.544	.0088	34.580	34.526	66

SIGMA -T.	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
23.00	8	2.1	9	6	2	487.6	.07	487.6	487.5	2
23.20	13	6.2	17	5	4	468.2	.52	468.7	468.2	4
23.40	19	6.6	25	8	7	449.5	.56	449.8	449.1	7
23.60	15	9.9	30	0	18	430.4	.28	430.9	429.9	18
23.80	18	8.2	32	1	44	411.4	.53	411.8	410.8	44
24.00	21	8.3	36	5	58	392.3	.51	392.8	391.8	58
24.20	23	9.5	52	1	85	373.3	.53	374.0	372.8	85
24.40	27	9.0	59	7	99	354.3	.53	354.8	353.9	99
24.60	30	9.5	62	6	108	335.4	.51	335.8	334.6	108
24.80	34	11.9	69	8	145	316.4	.52	316.9	315.6	145
25.00	41	12.1	84	14	174	297.3	.55	298.2	296.8	174
25.20	53	18.0	136	15	202	278.3	.55	280.1	277.9	202
25.40	67	20.4	152	2	228	259.6	.59	261.4	258.6	228
25.60	82	18.4	161	48	231	240.8	.58	242.6	240.2	231
25.80	93	18.7	169	61	230	222.0	.58	223.8	221.4	230
26.00	105	19.1	185	66	230	203.2	.59	205.0	202.7	230
26.20	121	20.5	216	75	230	184.4	.58	186.4	183.8	230
26.40	146	22.1	248	97	230	165.6	.59	167.8	165.2	230
26.60	200	32.4	311	144	230	147.5	.43	149.4	146.7	230
26.80	319	33.4	445	243	226	129.6	.47	131.5	128.9	226
27.00	490	33.3	630	406	220	111.7	.43	113.5	110.9	220
27.10	591	32.5	714	507	216	102.9	.38	104.3	102.1	216
27.20	709	32.6	816	621	216	94.1	.35	95.1	93.4	216
27.30	854	35.6	944	737	213	85.3	.38	86.2	84.6	213
27.40	1039	40.8	1155	900	209	76.4	.24	77.8	75.7	209
27.50	1281	51.1	1470	1100	178	67.4	.19	67.8	66.9	178
27.60	1610	70.0	1725	1320	66	58.2	.21	58.7	57.7	66

SIGMA -T.	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
23.00	16.77	1.032	17.50	16.04	2	485.8	1.49	486.9	484.8	2
23.20	15.43	1.147	16.88	14.20	4	462.7	8.19	467.0	450.4	4
23.40	15.13	.883	16.12	13.58	7	445.3	6.57	449.1	430.8	7
23.60	14.85	.775	15.94	13.00	18	428.8	3.96	429.9	419.6	18
23.80	14.38	.619	15.22	12.45	44	406.8	3.54	411.0	389.4	44
24.00	13.58	.582	14.36	11.93	58	389.4	3.23	391.9	373.3	58
24.20	12.73	.917	14.36	8.71	85	370.4	3.83	372.8	361.9	85
24.40	11.89	.867	13.78	8.71	99	351.3	3.85	353.8	341.6	99
24.60	11.10	.747	12.73	8.72	108	332.2	3.64	334.7	323.0	108
24.80	10.30	.627	11.73	8.58	145	313.8	3.14	315.7	306.3	145
25.00	9.51	.542	10.65	7.63	174	295.3	1.60	296.6	290.3	174
25.20	8.78	.479	10.28	7.59	202	276.7	1.00	277.6	274.2	202
25.40	8.17	.566	10.35	6.86	228	257.9	.85	259.5	254.0	228
25.60	7.84	.648	10.11	6.53	231	238.8	.78	239.5	234.7	231
25.80	7.72	.600	9.72	6.35	230	220.0	.58	220.5	217.1	230
26.00	7.62	.535	9.38	6.44	230	201.1	.40	201.5	199.7	230
26.20	7.50	.435	8.79	6.48	230	182.2	.25	182.5	180.9	230
26.40	7.32	.328	8.10	6.50	230	163.3	.11	163.4	162.9	230
26.60	6.80	.219	7.65	6.17	230	144.3	.08	144.4	143.8	230
26.80	5.68	.212	6.62	4.95	226	125.2	.16	125.4	124.6	226
27.00	4.72	.164	5.36	4.26	220	106.2	.10	106.3	105.9	220
27.10	4.36	.128	4.65	4.01	216	96.7	.08	96.8	96.4	216
27.20	4.03	.108	4.28	3.72	216	87.1	.06	87.2	87.0	216
27.30	3.67	.104	3.97	3.39	213	77.6	.04	77.7	77.5	213
27.40	3.25	.093	3.52	2.94	209	68.0	.10	68.2	67.8	209
27.50	2.55	.100	3.08	2.36	178	58.4	.11	58.6	58.2	178
27.60	2.21	.093	2.60	2.02	66	48.7	.14	49.0	48.4	66

STATION MP06 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	.365	.1202	.450	.280	2
23.20	.560	.3535	.800	.090	4
23.40	.820	.3085	1.140	.220	7
23.60	.684	.4513	1.320	.000	18
23.80	.763	.3683	1.420	.060	44
24.00	.893	.3584	1.540	.220	58
24.20	.938	.4045	2.020	.020	85
24.40	1.070	.3729	2.200	.270	99
24.60	1.159	.3942	2.360	.210	108
24.80	1.257	.4451	2.520	.000	145
25.00	1.443	.4350	2.690	.430	174
25.20	1.757	.5780	4.060	.430	202
25.40	2.090	.6476	4.490	.040	228
25.60	2.456	.6003	4.720	1.400	231
25.80	2.719	.6131	4.930	1.520	230
26.00	2.975	.6228	5.230	1.630	230
26.20	3.281	.6442	5.860	1.810	230
26.40	3.719	.6628	6.280	2.190	230
26.60	4.567	.6790	7.280	2.930	230
26.80	6.527	.7030	9.150	4.320	226
27.00	8.306	.6926	10.920	6.570	220
27.10	9.390	.6785	11.710	7.640	216
27.20	10.566	.6662	12.830	8.830	216
27.30	11.876	.6856	14.210	9.880	213
27.40	13.375	.7097	15.640	11.200	209
27.50	15.085	.7369	17.540	13.030	178
27.60	17.130	.7558	19.000	14.640	66

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.01	.007	.02	.01	2
.04	.031	.07	.00	4
.08	.047	.15	.01	7
.07	.067	.20	.00	18
.08	.066	.23	.00	44
.11	.076	.28	.01	58
.13	.095	.34	.00	85
.16	.103	.34	.01	99
.19	.117	.34	.01	108
.24	.145	.84	.00	145
.32	.183	1.10	.03	174
.51	.387	2.80	.03	202
.74	.478	3.42	.00	228
1.01	.519	3.76	.35	231
1.25	.573	4.14	.49	230
1.51	.633	4.72	.54	230
1.87	.740	6.01	.66	230
2.48	.884	7.21	1.00	230
3.99	1.172	10.07	1.91	230
8.42	1.831	17.32	4.60	226
17.03	2.540	28.05	11.68	220
33.05	3.816	54.47	16.78	216
30.89	3.163	42.49	22.29	216
41.46	3.774	53.12	30.62	213
56.12	4.669	69.86	41.65	209
76.91	6.160	99.17	56.55	178
107.50	8.600	122.32	73.82	66

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	13.026	.0517	13.063	12.990	2
23.20	13.058	.1249	13.223	12.936	4
23.40	13.786	.4427	13.540	12.971	7
23.60	13.780	.4933	13.529	11.768	17
23.80	13.605	.4929	14.119	11.717	42
24.00	13.426	.4550	13.863	11.669	54
24.20	13.311	.3887	13.795	11.693	78
24.40	13.144	.3694	13.525	10.978	92
24.60	13.033	.3733	13.325	10.914	101
24.80	11.874	.3816	13.037	10.854	135
25.00	11.636	.3620	12.976	10.761	162
25.20	11.297	.3608	12.184	10.341	186
25.40	10.914	.3904	11.974	9.953	210
25.60	10.540	.3967	11.781	9.718	213
25.80	10.280	.3416	11.630	9.473	213
26.00	10.027	.3423	11.315	9.169	213
26.20	9.724	.3389	10.901	8.538	213
26.40	9.283	.3056	10.216	8.128	213
26.60	8.431	.2548	9.275	7.437	213
26.80	6.769	.2627	7.484	5.749	213
27.00	4.703	.2550	5.284	3.524	213
27.10	3.613	.2533	4.196	2.574	214
27.20	2.440	.2533	3.177	1.574	214
27.30	1.122	.2799	1.991	.399	213
27.40	-0.384	.3233	.678	-1.321	209
27.50	-2.135	.3370	-0.771	-3.596	178
27.60	-4.198	.4990	-2.160	-5.022	66

ACC. POT.

MEAN	S.D.	MAX	MIN	N
13.384	.0651	13.430	13.338	2
13.490	.2936	13.699	13.265	4
13.573	.6382	14.533	12.759	7
13.427	.5354	14.487	12.630	17
13.330	.4992	14.616	12.591	42
13.265	.4553	14.585	12.549	54
13.176	.4385	14.546	12.560	78
13.107	.4436	14.499	12.536	92
13.041	.3839	14.443	12.506	101
12.961	.3640	14.375	12.560	135
12.878	.4080	14.699	12.173	162
12.796	.3952	14.507	12.079	186
12.663	.3685	14.234	11.669	210
12.551	.3413	13.638	11.608	213
12.385	.3196	13.638	11.498	213
12.199	.3001	13.586	11.378	213
11.956	.2818	13.540	11.349	213
11.712	.2623	13.093	11.015	213
11.403	.2355	12.905	10.735	213
10.943	.1931	11.697	10.382	213
10.323	.1381	10.732	9.803	213
9.445	.1096	10.118	9.402	213
8.169	.0804	8.403	8.010	214
6.477	.0491	6.614	6.302	213
6.634	.0203	6.686	6.366	209
6.581	.0488	6.711	6.366	178
5.275	.0775	5.550	5.094	66

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	6.13	n/a	n/a	n/a	1
23.40	6.17	.163	6.29	6.06	2
23.60	6.29	.156	6.39	6.11	3
23.80	6.32	.165	6.41	5.97	6
24.00	6.55	.148	6.67	6.02	8
24.20	6.46	.324	6.95	5.96	13
24.40	6.49	.352	6.93	5.78	13
24.60	6.48	.388	6.91	5.62	14
24.80	6.50	.355	7.01	5.81	19
25.00	6.41	.354	7.18	5.77	21
25.20	6.26	.403	6.95	5.36	23
25.40	5.85	.517	6.81	4.99	26
25.60	5.41	.525	6.50	4.43	26
25.80	4.81	.485	5.48	3.90	26
26.00	4.19	.413	4.98	3.45	26
26.20	3.74	.384	4.60	2.97	26
26.40	3.38	.460	4.41	2.43	26
26.60	2.90	.404	3.81	2.30	26
26.80	1.94	.278	2.43	1.49	26
27.00	.88	.139	1.13	.69	26
27.10	.56	.100	.85	.45	25
27.20	.42	.008	.63	.24	24
27.30	.34	.070	.48	.18	23
27.40	.37	.065	.50	.25	22
27.50	.56	.073	.71	.44	20
27.60	1.00	.095	1.16	.79	17

SOUND

MEAN	S.D.	MAX	MIN	N
1509	3.5	1511	1506	2
1505	4.3	1510	1500	4
1504	3.4	1508	1498	7
1503	3.8	1507	1497	18
1502	3.3	1505	1495	44
1499	3.3	1503	1493	58
1497	3.5	1503	1481	85
1494	3.4	1501	1481	99
1491	3.0	1498	1482	108
1489	3.3	1494	1481	145
1486	3.3	1490	1478	174
1483	3.1	1491	1478	202
1482	2.5	1491	1475	228
1481	2.8	1491	1475	231
1481	2.6	1490	1475	230
1481	2.3	1489	1476	230
1481	2.2	1488	1477	230
1481	1.9	1486	1477	230
1480	1.8	1484	1477	230
1478	1.8	1482	1475	226
1477	1.8	1480	1475	220
1477	.9	1480	1475	216
1478	.7	1480	1476	216
1479	.7	1481	1478	213
1480	.6	1482	1479	209
1482	.7	1484	1481	178
1486	.9	1488	1483	66

Table 19. As in Table 15, for Station 4 (P06).

Table 19: STATION MP06 J A N U A R Y 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	9.03	.464	9.54	8.53	3
25.20	8.65	.265	8.91	8.16	9
25.40	8.15	.444	8.52	6.92	14
25.60	7.88	.456	8.46	7.14	14
25.80	7.74	.364	8.29	7.14	14
26.00	7.55	.368	8.31	7.07	14
26.20	7.38	.301	8.07	6.90	14
26.40	7.31	.255	7.86	6.93	14
26.60	6.80	.173	7.11	6.51	14
26.80	5.69	.171	5.96	5.36	14
27.00	4.78	.146	5.03	4.44	13
27.10	4.45	.097	4.64	4.33	12
27.20	4.13	.096	4.31	4.02	12
27.30	3.77	.113	3.94	3.58	12
27.40	3.35	.102	3.51	3.20	12
27.50	2.86	.107	3.00	2.63	11
27.60	2.35	.045	2.42	2.32	4

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.271	.0920	32.371	32.190	3
32.455	.0482	32.507	32.371	9
32.615	.0851	32.712	32.393	14
32.825	.0877	32.927	32.685	14
33.052	.0704	33.147	32.939	14
33.271	.0682	33.407	33.181	14
33.492	.0546	33.617	33.405	14
33.734	.0457	33.834	33.666	14
33.899	.0300	33.951	33.848	14
33.972	.0270	34.016	33.920	14
34.089	.0209	34.124	34.042	13
34.169	.0136	34.195	34.152	12
34.252	.0131	34.276	34.237	12
34.332	.0140	34.353	34.307	12
34.406	.0112	34.424	34.390	12
34.474	.0115	34.490	34.449	11
34.548	.0023	34.552	34.546	4

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	47	14.4	59	31	3
25.20	63	8.5	77	49	9
25.40	71	14.7	97	43	14
25.60	79	14.0	104	56	14
25.80	89	13.2	110	68	14
26.00	101	13.3	122	81	14
26.20	117	13.7	140	93	14
26.40	142	14.9	167	113	14
26.60	195	14.7	211	154	14
26.80	319	19.7	347	292	14
27.00	496	27.6	546	459	13
27.10	597	28.3	660	563	12
27.20	717	28.1	773	681	12
27.30	866	30.6	911	810	12
27.40	1053	45.2	1124	974	12
27.50	1291	58.3	1399	1184	11
27.60	1602	60.7	1659	1521	4

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
297.4	.31	297.7	297.1	3
278.6	.14	278.8	278.4	9
259.7	.26	260.2	259.1	14
240.7	.21	241.1	240.3	14
221.9	.18	222.2	221.6	14
203.1	.17	203.3	202.8	14
184.4	.17	184.5	184.0	14
165.8	.20	166.0	165.3	14
147.4	.23	147.7	146.8	14
129.6	.29	130.0	129.1	14
111.8	.35	112.3	111.3	13
103.0	.24	103.4	102.7	12
94.2	.27	94.7	93.8	12
85.5	.24	85.8	85.1	12
76.6	.20	76.9	76.3	12
67.5	.18	67.8	67.2	11
58.3	.22	58.5	58.0	4

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	9.03	.459	9.53	8.53	3
25.20	8.64	.263	8.90	8.16	9
25.40	8.14	.444	8.51	6.92	14
25.60	7.87	.454	8.45	7.14	14
25.80	7.73	.362	8.28	7.14	14
26.00	7.54	.369	8.30	7.06	14
26.20	7.37	.302	8.06	6.88	14
26.40	7.30	.252	7.84	6.92	14
26.60	6.79	.173	7.09	6.49	14
26.80	5.66	.170	5.93	5.33	14
27.00	4.74	.145	4.99	4.41	13
27.10	4.40	.097	4.59	4.28	12
27.20	4.08	.096	4.26	3.97	12
27.30	3.71	.115	3.88	3.51	12
27.40	3.27	.102	3.43	3.12	12
27.50	2.77	.111	2.92	2.53	11
27.60	2.24	.047	2.31	2.21	4

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
296.4	.17	296.5	296.2	3
277.1	.46	277.5	276.4	9
258.1	.80	258.5	255.7	14
238.8	.91	239.5	236.7	14
220.0	.63	220.5	218.6	14
201.1	.37	201.4	200.2	14
182.3	.17	182.4	181.9	14
163.3	.08	163.4	163.2	14
144.3	.04	144.4	144.3	14
125.2	.15	125.4	124.9	14
106.2	.08	106.3	106.0	13
96.7	.05	96.7	96.6	12
87.1	.05	87.2	87.1	12
77.6	.04	77.6	77.5	12
68.0	.08	68.1	67.9	12
58.5	.11	58.6	58.2	11
48.7	.17	48.9	48.5	4

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	1.413	.4438	1.780	.920	3
25.20	1.833	.2660	2.280	1.390	9
25.40	2.024	.4160	2.730	1.130	14
25.60	2.222	.3926	2.880	1.480	14
25.80	2.436	.3761	3.030	1.750	14
26.00	2.701	.3728	3.170	2.020	14
26.20	3.020	.3693	3.470	2.290	14
26.40	3.459	.3876	3.950	2.750	14
26.60	4.280	.3501	4.700	3.450	14
26.80	5.996	.3109	6.500	5.540	14
27.00	8.137	.4030	8.770	7.510	13
27.10	9.237	.3945	10.000	8.650	12
27.20	10.424	.3929	11.140	9.810	12
27.30	11.779	.4065	12.540	10.980	12
27.40	13.307	.5223	14.280	12.330	12
27.50	15.061	.6449	16.280	13.850	11
27.60	16.870	.6367	17.480	15.980	4

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	.36	.203	.54	.14	3
25.20	.60	.169	.91	.35	9
25.40	.76	.303	1.36	.24	14
25.60	.92	.313	1.52	.42	14
25.80	1.10	.323	1.68	.60	14
26.00	1.35	.357	1.91	.80	14
26.20	1.71	.388	2.36	1.05	14
26.40	2.30	.477	3.12	1.48	14
26.60	3.72	.536	4.36	2.35	14
26.80	6.23	.878	9.40	6.98	14
27.00	17.21	1.858	20.62	14.60	13
27.10	23.36	2.212	28.28	20.55	12
27.20	31.37	2.540	36.61	28.00	12
27.30	42.39	3.022	47.12	36.90	12
27.40	57.51	4.773	65.55	49.31	12
27.50	78.45	7.002	91.22	66.13	11
27.60	106.60	8.052	114.06	95.89	4

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	11.520	.3659	11.924	11.211	3
25.20	11.063	.3605	11.694	10.580	9
25.40	10.827	.3626	11.393	10.355	12
25.60	10.629	.3463	11.173	10.200	12
25.80	10.411	.3243	10.947	9.993	12
26.00	10.148	.3038	10.622	9.731	12
26.20	9.835	.2768	10.248	9.512	12
26.40	9.383	.2800	9.914	9.043	12
26.60	8.542	.2629	9.275	8.235	12
26.80	6.793	.1463	7.019	6.588	12
27.00	4.661	.2434	5.050	4.288	12
27.10	3.574	.2296	3.805	3.052	12
27.20	2.388	.2220	2.640	1.920	12
27.30	1.033	.2409	1.478	.671	12
27.40	-0.495	.3616	.123	-1.072	12
27.50	-2.224	.4605	-1.391	-3.072	11
27.60	-4.142	.4566	-3.530	-4.570	4

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	12.919	.2378	13.187	12.734	3
25.20	12.818	.2002	13.072	12.510	9
25.40	12.636	.1963	12.942	12.374	12
25.60	12.497	.1904	12.799	12.229	12
25.80	12.343	.1860	12.641	12.063	12
26.00	12.168	.1835	12.482	11.874	12
26.20	11.967	.1799	12.292	11.666	12
26.40	11.732	.1762	12.058	11.435	12
26.60	11.432	.1729	11.744	11.143	12
26.80	10.983	.1618	11.257	10.719	12
27.00	10.266	.1131	10.469	10.100	12
27.10	9.778	.0899	9.938	9.644	12
27.20	9.202	.0667	9.297	9.101	12
27.30	8.504	.0423	8.560	8.433	12
27.40	7.647	.0162	7.674	7.624	12
27.50	6.577	.0625	6.647	6.441	11
27.60	5.301	.0588	5.383	5.246	4

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	1484	2.0	1486	1482	3
25.20	1483	1.1	1484	1481	9
25.40	1482	1.9	1483	1476	14
25.60	1481	1.9	1483	1478	14
25.80	1481	1.6	1483	1478	14
26.00	1481	1.5	1483	1479	14
26.20	1480	1.1	1483	1479	14
26.40	1481	.9	1483	1480	14
26.60	1480	.9	1481	1479	14
26.80	1478	1.0	1479	1476	14
27.00	1477	1.0	1478	1475	13
27.10	1477	.5	1478	1477	12
27.20	1478	.6	1479	1477	12
27.30	1479	.5	1480	1479	12
27.40	1481	.6	1482	1480	12
27.50	1483	.6	1484	1482	11
27.60	1486	.8	1487	1485	4

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	7.64	n/a	n/a	n/a	1
25.20	8.30	.657	9.09	7.68	5
25.40	7.85	.422	8.28	7.16	12
25.60	7.64	.469	8.25	6.76	14
25.80	7.71	.430	8.38	7.18	14
26.00	7.71	.409	8.34	7.26	14
26.20	7.55	.427	8.19	7.03	14
26.40	7.36	.321	7.82	6.92	14
26.60	6.85	.153	7.14	6.63	14
26.80	5.75	.112	5.98	5.58	14
27.00	4.75	.123	4.95	4.48	14
27.10	4.41	.100	4.54	4.12	14
27.20	4.07	.084	4.23	3.90	14
27.30	3.72	.080	3.87	3.61	14
27.40	3.31	.075	3.43	3.20	14
27.50	2.83	.102	3.05	2.70	13
27.60	2.35	.133	2.50	2.26	3

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.025	n/a	n/a	n/a	1
32.387	.1239	32.535	32.269	5
32.560	.0763	32.640	32.438	12
32.783	.0862	32.918	32.630	14
33.048	.0797	33.176	32.946	14
33.300	.0743	33.415	33.215	14
33.525	.0786	33.643	33.429	14
33.743	.0575	33.826	33.664	14
33.906	.0259	33.957	33.868	14
33.980	.0172	34.016	33.954	14
34.085	.0174	34.113	34.047	14
34.163	.0137	34.182	34.125	14
34.244	.0114	34.264	34.222	14
34.325	.0109	34.344	34.312	14
34.401	.0078	34.414	34.389	14
34.471	.0112	34.496	34.458	13
34.547	.0109	34.560	34.539	3

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	36	n/a	n/a	n/a	1
25.20	52	15.1	70	31	5
25.40	56	19.8	80	2	12
25.60	72	11.4	99	58	14
25.80	82	12.2	112	64	14
26.00	94	15.1	123	71	14
26.20	111	16.3	140	87	14
26.40	139	16.2	172	114	14
26.60	206	19.8	232	165	14
26.80	332	35.5	402	274	14
27.00	509	34.9	555	451	14
27.10	614	33.5	658	561	14
27.20	734	32.4	778	685	14
27.30	875	36.6	932	825	14
27.40	1054	39.9	1132	995	14
27.50	1297	54.4	1391	1187	13
27.60	1608	94.9	1670	1499	3

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
297.1	n/a	n/a	n/a	1
278.4	.30	278.8	278.1	5
259.4	.32	259.8	258.6	12
240.6	.23	241.2	240.3	14
221.8	.23	222.4	221.4	14
203.0	.26	203.7	202.7	14
184.3	.24	184.9	184.0	14
165.7	.27	166.4	165.3	14
147.6	.30	148.0	147.0	14
129.8	.51	130.8	128.9	14
111.9	.40	112.4	111.2	14
103.1	.31	103.5	102.6	14
94.3	.25	94.7	93.8	14
85.4	.22	85.9	85.0	14
76.5	.23	77.1	76.2	14
67.4	.17	67.7	67.1	13
58.3	.17	58.4	58.1	3

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	7.63	n/a	n/a	n/a	1
25.20	8.30	.655	9.08	7.67	5
25.40	7.84	.422	8.28	7.15	12
25.60	7.64	.470	8.25	6.75	14
25.80	7.71	.429	8.37	7.17	14
26.00	7.70	.409	8.34	7.25	14
26.20	7.54	.427	8.18	7.02	14
26.40	7.34	.321	7.81	6.90	14
26.60	6.83	.153	7.12	6.61	14
26.80	5.72	.108	5.95	5.56	14
27.00	4.71	.123	4.91	4.44	14
27.10	4.36	.101	4.50	4.07	14
27.20	4.01	.084	4.17	3.84	14
27.30	3.65	.079	3.80	3.55	14
27.40	3.23	.075	3.35	3.12	14
27.50	2.73	.106	2.97	2.60	13
27.60	2.24	.142	2.40	2.15	3

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
295.0	n/a	n/a	n/a	1
277.4	.16	277.5	277.2	5
258.1	.52	258.5	256.8	12
238.7	1.00	239.5	236.4	14
219.9	.72	220.5	218.4	14
201.1	.48	201.4	199.9	14
182.2	.26	182.4	181.6	14
163.3	.10	163.4	163.1	14
144.3	.04	144.4	144.3	14
125.2	.13	125.3	124.9	14
106.2	.12	106.3	105.9	14
96.6	.08	96.7	96.5	14
87.1	.05	87.2	87.1	14
77.6	.05	77.7	77.5	14
68.0	.10	68.1	67.8	14
58.4	.13	58.5	58.2	13
48.7	.26	49.0	48.5	3

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	1.140	n/a	n/a	n/a	1
25.20	1.534	.4536	2.060	.870	5
25.40	1.557	.5647	2.230	.040	12
25.60	1.959	.3027	2.570	1.540	14
25.80	2.170	.3111	2.850	1.830	14
26.00	2.434	.3872	3.120	1.970	14
26.20	2.756	.4207	3.440	2.220	14
26.40	3.252	.4111	4.000	2.810	14
26.60	4.296	.4125	4.940	3.600	14
26.80	6.063	.5374	6.980	5.110	14
27.00	8.210	.5130	8.810	7.260	14
27.10	9.351	.4958	9.970	8.450	14
27.20	10.546	.4630	11.050	9.690	14
27.30	11.822	.4974	12.410	10.950	14
27.40	13.283	.5057	14.020	12.430	14
27.50	15.028	.5696	15.760	14.180	13
27.60	17.067	.7852	17.520	16.160	3

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.21	n/a	n/a	n/a	1
.44	.236	.75	.14	5
.50	.246	.89	.00	12
.74	.238	1.31	.48	14
.91	.277	1.61	.59	14
1.15	.370	1.91	.69	14
1.49	.449	2.36	.94	14
1.13	.530	3.26	1.44	14
.98	.733	5.21	2.57	14
2.90	1.797	12.54	5.95	14
18.13	2.495	21.18	13.98	14
24.69	2.805	28.08	20.06	14
32.97	3.077	37.05	28.02	14
43.53	3.845	48.39	37.81	14
58.01	4.541	65.61	51.73	14
79.23	6.441	90.07	67.53	13
109.12	12.428	116.83	94.78	3

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	11.167	n/a	n/a	n/a	1
25.40	11.152	.2117	11.448	10.920	5
25.60	11.254	.6789	13.174	10.561	12
25.80	10.822	.2702	11.298	10.433	14
26.00	10.610	.2797	11.132	10.260	14
26.20	10.348	.3430	11.035	9.898	14
26.40	10.025	.3676	10.787	9.535	14
26.60	9.529	.3112	10.036	9.076	14
26.80	8.485	.1961	8.752	8.135	14
27.00	6.717	.3229	7.197	6.028	14
27.10	4.570	.2872	5.060	4.200	14
27.20	3.431	.2670	3.875	3.071	14
27.30	2.234	.2545	2.622	1.878	14
27.40	.959	.2933	1.353	.499	14
27.50	-0.500	.3202	-0.033	-1.134	14
27.60	-2.263	.4262	-1.436	-3.022	13
	-4.211	.6941	-3.411	-4.653	3

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.253	n/a	n/a	n/a	1
12.617	.3534	12.973	12.176	5
12.715	.3095	13.216	12.083	12
12.579	.2791	13.055	11.978	14
12.434	.2688	12.859	11.862	14
12.268	.2586	12.637	11.735	14
12.077	.2527	12.400	11.584	14
11.847	.2486	12.205	11.390	14
11.544	.2374	11.897	11.145	14
11.063	.1992	11.336	10.750	14
10.310	.1355	10.480	10.102	14
9.814	.1023	9.943	9.662	14
9.217	.0728	9.313	9.104	14
8.501	.0422	8.560	8.428	14
7.637	.0153	7.683	7.617	14
6.566	.0493	6.643	6.475	13
5.269	.1132	5.400	5.204	3

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	6.38	.495	6.73	6.03	2
25.60	5.55	.608	5.98	5.12	2
25.80	4.82	.686	5.30	4.33	2
26.00	4.10	.700	4.60	3.61	2
26.20	3.47	.707	3.97	2.97	2
26.40	3.00	.445	3.31	2.68	5
26.60	2.50	.064	2.54	2.45	5
26.80	1.79	.064	1.83	1.74	5
27.00	.80	.099	.87	.73	2
27.10	.59	.007	.60	.59	2
27.20	.39	.057	.43	.35	2
27.30	.33	.071	.38	.28	2
27.40	.34	.028	.36	.32	2
27.50	.51	.007	.52	.51	2
27.60	.98	.000	.98	.98	2

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1478	n/a	n/a	n/a	1
1482	2.8	1485	1479	5
1480	1.9	1482	1477	12
1480	2.0	1483	1476	14
1481	1.8	1484	1479	14
1481	1.6	1484	1479	14
1481	1.6	1484	1479	14
1481	1.4	1483	1479	14
1481	.8	1482	1479	14
1478	.9	1480	1477	14
1477	.9	1478	1476	14
1478	.5	1478	1477	14
1478	.6	1479	1477	14
1479	.6	1480	1478	14
1481	.6	1482	1480	14
1483	.7	1484	1482	13
1486	1.0	1487	1485	3

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	8.71	n/a	n/a	n/a	1
24.40	8.72	n/a	n/a	n/a	1
24.60	8.72	n/a	n/a	n/a	1
24.80	8.75	n/a	n/a	n/a	1
25.00	9.64	.550	10.02	8.81	4
25.20	9.29	.762	10.27	8.40	8
25.40	8.73	.877	10.36	6.86	17
25.60	8.62	.827	10.13	6.80	17
25.80	8.50	.751	9.74	6.84	17
26.00	8.31	.654	9.32	6.88	17
26.20	8.06	.500	8.81	7.14	17
26.40	7.75	.278	8.10	7.16	17
26.60	7.09	.229	7.66	6.60	17
26.80	5.92	.233	6.54	5.49	17
27.00	4.89	.159	5.33	4.61	17
27.10	4.47	.083	4.63	4.34	17
27.20	4.14	.071	4.27	4.05	17
27.30	3.76	.142	3.99	3.46	16
27.40	3.34	.119	3.59	3.23	16
27.50	2.89	.123	3.15	2.77	12
27.60	2.31	n/a	n/a	n/a	1

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	31.202	n/a	n/a	n/a	1
24.40	31.470	n/a	n/a	n/a	1
24.60	31.717	n/a	n/a	n/a	1
24.80	31.960	n/a	n/a	n/a	1
25.00	32.394	.1137	32.473	32.227	4
25.20	32.580	.1553	32.784	32.400	8
25.40	32.731	.1729	33.062	32.385	17
25.60	32.967	.1619	33.269	32.628	17
25.80	33.198	.1438	33.446	32.902	17
26.00	33.413	.1255	33.609	33.148	17
26.20	33.618	.0929	33.761	33.449	17
26.40	33.813	.0512	33.878	33.706	17
26.60	33.949	.0407	34.051	33.863	17
26.80	34.008	.0373	34.108	33.940	17
27.00	34.105	.0229	34.170	34.068	17
27.10	34.172	.0111	34.194	34.154	17
27.20	34.254	.0084	34.270	34.241	17
27.30	34.330	.0183	34.360	34.292	16
27.40	34.406	.0131	34.434	34.393	16
27.50	34.477	.0141	34.506	34.463	12
27.60	34.545	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	16	n/a	n/a	n/a	1
24.40	17	n/a	n/a	n/a	1
24.60	19	n/a	n/a	n/a	1
24.80	21	n/a	n/a	n/a	1
25.00	60	26.6	84	25	4
25.20	95	38.8	136	45	8
25.40	79	43.7	152	8	17
25.60	94	37.3	161	54	17
25.80	102	38.3	169	61	17
26.00	113	40.4	185	66	17
26.20	133	45.1	216	75	17
26.40	162	47.1	248	97	17
26.60	224	49.2	311	144	17
26.80	344	52.9	445	243	17
27.00	506	47.3	588	431	17
27.10	603	41.9	660	529	17
27.20	717	38.0	775	645	17
27.30	862	42.3	910	766	16
27.40	1041	48.7	1092	928	16
27.50	1266	51.3	1331	1181	12
27.60	1658	n/a	n/a	n/a	1

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	372.9	n/a	n/a	n/a	1
24.40	353.8	n/a	n/a	n/a	1
24.60	334.9	n/a	n/a	n/a	1
24.80	316.0	n/a	n/a	n/a	1
25.00	297.8	.50	298.2	297.1	4
25.20	279.3	.79	280.1	278.3	8
25.40	260.0	.89	261.4	258.7	17
25.60	241.2	.81	242.6	240.5	17
25.80	222.3	.83	223.8	221.6	17
26.00	203.5	.84	205.0	202.7	17
26.20	184.8	.87	186.4	183.8	17
26.40	166.3	.83	167.8	165.2	17
26.60	148.0	.77	149.4	147.0	17
26.80	130.0	.70	131.5	129.0	17
27.00	112.1	.46	113.0	111.3	17
27.10	103.1	.38	103.7	102.4	17
27.20	94.2	.27	94.6	93.7	17
27.30	85.4	.19	85.7	85.1	16
27.40	76.5	.15	76.8	76.2	16
27.50	67.4	.14	67.6	67.2	12
27.60	58.4	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	8.71	n/a	n/a	n/a	1
24.40	8.71	n/a	n/a	n/a	1
24.60	8.72	n/a	n/a	n/a	1
24.80	8.74	n/a	n/a	n/a	1
25.00	9.63	.555	10.01	8.81	4
25.20	9.28	.757	10.26	8.39	8
25.40	8.72	.874	10.35	6.86	17
25.60	8.61	.821	10.11	6.80	17
25.80	8.49	.746	9.72	6.84	17
26.00	8.30	.652	9.30	6.87	17
26.20	8.05	.496	8.79	7.13	17
26.40	7.73	.279	8.08	7.14	17
26.60	7.07	.230	7.65	6.58	17
26.80	5.88	.233	6.52	5.46	17
27.00	4.85	.161	5.30	4.56	17
27.10	4.42	.085	4.59	4.29	17
27.20	4.09	.073	4.22	3.99	17
27.30	3.70	.146	3.94	3.39	16
27.40	3.27	.123	3.52	3.15	16
27.50	2.80	.127	3.06	2.67	12
27.60	2.19	n/a	n/a	n/a	1

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	371.1	n/a	n/a	n/a	1
24.40	351.3	n/a	n/a	n/a	1
24.60	333.1	n/a	n/a	n/a	1
24.80	315.3	n/a	n/a	n/a	1
25.00	296.4	.16	296.6	296.2	4
25.20	277.4	.08	277.5	277.3	8
25.40	258.1	.25	258.5	256.5	17
25.60	238.8	.71	239.5	237.2	17
25.80	219.9	.59	220.4	218.8	17
26.00	201.2	.28	201.4	200.5	17
26.20	182.2	.18	182.5	181.8	17
26.40	163.3	.09	163.4	163.2	17
26.60	144.3	.17	144.4	143.8	17
26.80	125.1	.24	125.3	124.6	17
27.00	106.1	.11	106.2	105.9	17
27.10	96.6	.09	96.7	96.4	17
27.20	87.1	.07	87.2	87.0	17
27.30	77.6	.00	77.6	77.6	16
27.40	68.0	.13	68.1	67.8	16
27.50	58.5	.10	58.5	58.2	12
27.60	48.5	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	.630	n/a	n/a	n/a	1
24.40	.680	n/a	n/a	n/a	1
24.60	.730	n/a	n/a	n/a	1
24.80	.790	n/a	n/a	n/a	1
25.00	1.872	.7448	2.550	.910	4
25.20	2.811	1.1431	4.060	1.270	8
25.40	2.259	1.3097	4.490	.200	17
25.60	2.639	1.1453	4.720	1.400	17
25.80	2.842	1.1718	4.930	1.520	17
26.00	3.073	1.2128	5.230	1.630	17
26.20	3.453	1.3020	5.860	1.810	17
26.40	3.976	1.3406	6.280	2.190	17
26.60	4.948	1.3478	7.280	2.930	17
26.80	6.616	1.3358	9.150	4.290	17
27.00	8.591	1.2805	10.920	6.570	17
27.10	9.642	1.2160	11.710	7.640	17
27.20	10.778	1.1767	12.830	8.830	17
27.30	11.998	1.1359	13.990	9.880	16
27.40	13.460	1.1561	15.490	11.200	16
27.50	14.975	1.1567	16.690	13.030	12
27.60	17.660	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.05	n/a	n/a	n/a	1
.06	n/a	n/a	n/a	1
.07	n/a	n/a	n/a	1
.08	n/a	n/a	n/a	1
.66	.451	1.10	.11	4
1.55	1.091	2.80	.29	8
1.17	1.165	3.42	.01	17
1.45	1.232	3.79	.39	17
1.66	1.348	4.14	.47	17
1.93	1.501	4.72	.54	17
2.45	1.809	6.01	.66	17
3.26	2.126	7.21	1.00	17
5.20	2.588	10.07	1.91	17
10.08	3.431	17.32	4.60	17
18.65	4.153	26.67	12.46	17
24.59	4.234	31.73	17.71	17
32.30	4.397	39.63	24.90	17
42.75	4.954	49.69	32.55	16
57.08	5.940	64.96	44.05	16
76.04	7.051	83.99	63.84	12
115.82	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	12.514	n/a	n/a	n/a	1
24.40	12.463	n/a	n/a	n/a	1
24.60	12.414	n/a	n/a	n/a	1
24.80	12.352	n/a	n/a	n/a	1
25.00	11.931	.4980	12.377	11.262	4
25.20	11.064	.5036	11.709	10.341	7
25.40	10.910	.4914	11.795	9.953	16
25.60	10.525	.4076	11.275	9.718	16
25.80	10.329	.4111	11.119	9.502	16
26.00	10.109	.4314	10.918	9.169	16
26.20	9.735	.5011	10.633	8.538	16
26.40	9.223	.4735	9.761	8.128	16
26.60	8.253	.4048	8.741	7.437	16
26.80	6.597	.4056	7.384	5.749	16
27.00	4.608	.3589	5.168	4.043	16
27.10	3.543	.3215	4.097	3.083	16
27.20	2.394	.2902	2.954	1.910	16
27.30	1.057	.3299	1.793	.668	16
27.40	-0.405	.3822	.471	-0.808	16
27.50	-2.030	.4069	-1.356	-2.542	12
27.60	-4.613	n/a	n/a	n/a	1

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
13.114	n/a	n/a	n/a	1
13.082	n/a	n/a	n/a	1
13.047	n/a	n/a	n/a	1
13.010	n/a	n/a	n/a	1
13.733	.9377	14.699	12.892	4
13.589	.7564	14.507	12.766	7
12.873	.7127	14.234	11.669	16
12.713	.6478	13.938	11.608	16
12.534	.5888	13.626	11.498	16
12.339	.5296	13.296	11.378	16
12.118	.4701	12.945	11.247	16
11.855	.4063	12.541	11.092	16
11.517	.3379	12.048	10.878	16
11.020	.2539	11.393	10.543	16
10.268	.1621	10.507	9.952	16
9.771	.1271	9.953	9.507	16
9.191	.0906	9.307	8.989	16
8.490	.0458	8.539	8.372	16
7.637	.0128	7.665	7.613	16
6.587	.0633	6.711	6.530	12
5.182	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	5.74	n/a	n/a	n/a	1
25.40	5.49	.622	5.93	5.05	2
25.60	4.84	.580	5.25	4.43	2
25.80	4.27	.523	4.64	3.90	2
26.00	3.77	.453	4.09	3.45	2
26.20	3.26	.247	3.44	3.09	2
26.40	2.92	.049	2.95	2.88	2
26.60	2.57	.049	2.61	2.54	2
26.80	1.67	.255	1.85	1.49	2
27.00	.88	.042	.91	.85	2
27.10	.56	.035	.59	.54	2
27.20	.37	.042	.40	.34	2
27.30	.38	n/a	n/a	n/a	1
27.40	.42	n/a	n/a	n/a	1
27.50	.65	n/a	n/a	n/a	1
27.60	1.05	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1481	n/a	n/a	n/a	1
1481	n/a	n/a	n/a	1
1482	n/a	n/a	n/a	1
1482	n/a	n/a	n/a	1
1487	2.4	1488	1483	4
1486	3.5	1491	1482	8
1484	4.2	1491	1475	17
1484	3.9	1491	1476	17
1484	3.5	1490	1477	17
1484	3.2	1489	1478	17
1483	2.7	1488	1479	17
1483	1.7	1486	1480	17
1482	1.4	1484	1479	17
1479	1.2	1482	1477	17
1478	.8	1479	1476	17
1478	.8	1479	1476	17
1478	.6	1479	1477	17
1479	.4	1480	1479	16
1481	.5	1481	1480	16
1482	.5	1483	1482	12
1487	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	9.14	n/a	n/a	n/a	1
24.80	9.04	.101	9.15	8.95	3
25.00	9.05	.603	9.91	8.52	4
25.20	8.53	.574	9.68	7.60	8
25.40	7.89	.736	9.61	6.98	12
25.60	7.71	.830	9.52	6.53	13
25.80	7.72	.659	9.04	6.74	13
26.00	7.71	.504	8.62	6.93	13
26.20	7.66	.367	8.63	7.06	13
26.40	7.44	.277	8.10	7.12	13
26.60	6.84	.168	7.10	6.65	13
26.80	5.64	.244	5.95	5.31	12
27.00	4.82	.095	5.01	4.72	12
27.10	4.47	.072	4.57	4.36	12
27.20	4.10	.117	4.22	3.83	12
27.30	3.74	.121	3.87	3.51	12
27.40	3.34	.105	3.51	3.15	12
27.50	2.87	.093	3.02	2.72	12
27.60	2.32	.052	2.41	2.27	5

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	31.779	n/a	n/a	n/a	1
24.80	32.023	.0175	32.043	32.009	3
25.00	32.282	.1175	32.448	32.172	4
25.20	32.434	.1091	32.658	32.264	8
25.40	32.572	.1431	32.914	32.400	12
25.60	32.796	.1535	33.139	32.581	13
25.80	33.051	.1239	33.304	32.873	13
26.00	33.300	.0929	33.468	33.157	13
26.20	33.546	.0685	33.726	33.436	13
26.40	33.757	.0501	33.877	33.698	13
26.60	33.905	.0288	33.950	33.873	13
26.80	33.965	.0378	34.015	33.914	12
27.00	34.095	.0140	34.122	34.080	12
27.10	34.171	.0101	34.186	34.156	12
27.20	34.248	.0156	34.264	34.213	12
27.30	34.328	.0153	34.343	34.299	12
27.40	34.405	.0118	34.424	34.383	12
27.50	34.476	.0098	34.492	34.461	12
27.60	34.545	.0074	34.553	34.540	5

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	10	n/a	n/a	n/a	1
24.80	18	4.5	22	13	3
25.00	28	10.7	43	18	4
25.20	43	16.2	73	28	8
25.40	65	24.7	95	26	12
25.60	87	14.5	109	62	13
25.80	98	18.0	128	71	13
26.00	108	17.4	135	85	13
26.20	122	17.3	144	96	13
26.40	146	16.8	178	126	13
26.60	199	18.5	245	175	13
26.80	317	18.9	357	295	12
27.00	485	23.5	531	440	12
27.10	581	23.4	640	545	12
27.20	698	26.8	755	663	12
27.30	834	31.2	891	791	12
27.40	1016	36.9	1090	964	12
27.50	1254	40.0	1333	1185	12
27.60	1596	31.5	1630	1552	5

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	334.9	n/a	n/a	n/a	1
24.80	316.0	.05	316.0	315.9	3
25.00	297.1	.14	297.3	297.0	4
25.20	278.3	.31	279.0	278.1	8
25.40	259.6	.44	260.2	258.9	12
25.60	240.9	.34	241.4	240.4	13
25.80	222.0	.36	222.6	221.6	13
26.00	203.2	.34	203.8	202.8	13
26.20	184.5	.32	185.1	184.1	13
26.40	165.9	.32	166.6	165.5	13
26.60	147.5	.31	148.3	147.1	13
26.80	129.5	.31	130.2	129.0	12
27.00	111.8	.33	112.5	111.2	12
27.10	102.9	.23	103.4	102.5	12
27.20	94.0	.17	94.4	93.8	12
27.30	85.1	.15	85.4	84.9	12
27.40	76.3	.25	76.8	75.9	12
27.50	67.3	.22	67.6	66.9	12
27.60	58.2	.22	58.4	57.9	5

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	9.14	n/a	n/a	n/a	1
24.80	9.04	.101	9.15	8.95	3
25.00	9.04	.602	9.90	8.51	4
25.20	8.53	.573	9.67	7.59	8
25.40	7.89	.736	9.61	6.98	12
25.60	7.70	.828	9.51	6.53	13
25.80	7.71	.656	9.02	6.73	13
26.00	7.70	.502	8.61	6.92	13
26.20	7.65	.367	8.62	7.05	13
26.40	7.42	.277	8.08	7.10	13
26.60	6.82	.166	7.08	6.64	13
26.80	5.61	.244	5.92	5.28	12
27.00	4.78	.093	4.96	4.68	12
27.10	4.42	.070	4.53	4.32	12
27.20	4.05	.117	4.17	3.78	12
27.30	3.68	.123	3.81	3.44	12
27.40	3.27	.108	3.44	3.07	12
27.50	2.78	.093	2.93	2.63	12
27.60	2.22	.051	2.30	2.16	5

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	334.5	n/a	n/a	n/a	1
24.80	315.0	.31	315.3	314.7	3
25.00	296.0	.74	296.6	294.9	4
25.20	277.1	.89	277.6	275.0	8
25.40	258.0	.73	258.5	256.2	12
25.60	238.9	.67	239.4	237.0	13
25.80	219.9	.56	220.4	218.9	13
26.00	201.1	.49	201.4	199.7	13
26.20	182.1	.42	182.4	180.9	13
26.40	163.3	.11	163.4	163.1	13
26.60	144.3	.06	144.4	144.2	13
26.80	125.1	.16	125.3	124.9	12
27.00	106.2	.07	106.3	106.1	12
27.10	96.7	.04	96.7	96.6	12
27.20	87.2	.04	87.2	87.1	12
27.30	77.6	.06	77.7	77.5	12
27.40	68.0	.09	68.1	67.9	12
27.50	58.4	.10	58.6	58.3	12
27.60	48.7	.08	48.8	48.6	5

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	.350	n/a	n/a	n/a	1
24.80	.590	.1609	.740	.420	3
25.00	.885	.3369	1.340	.530	4
25.20	1.260	.4866	2.150	.780	8
25.40	1.826	.7351	2.760	.670	12
25.60	2.365	.4519	3.080	1.660	13
25.80	2.639	.5255	3.350	1.870	13
26.00	2.848	.5186	3.590	2.160	13
26.20	3.114	.5249	3.860	2.360	13
26.40	3.535	.5128	4.360	2.920	13
26.60	4.358	.5020	5.410	3.750	13
26.80	5.995	.5410	6.990	5.350	12
27.00	8.028	.5589	9.100	7.180	12
27.10	9.067	.5610	10.290	8.290	12
27.20	10.231	.5931	11.430	9.450	12
27.30	11.457	.6134	12.670	10.610	12
27.40	12.947	.6447	14.300	12.190	12
27.50	14.666	.6592	16.070	13.820	12
27.60	16.858	.4169	17.450	16.380	5

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	.02	n/a	n/a	n/a	1
24.80	.06	.025	.08	.03	3
25.00	.14	.104	.29	.05	4
25.20	.31	.243	.80	.11	8
25.40	.68	.415	1.29	.09	12
25.60	1.05	.356	1.62	.53	13
25.80	1.33	.482	2.10	.67	13
26.00	1.55	.510	2.30	.90	13
26.20	1.86	.553	2.62	1.10	13
26.40	2.44	.612	3.54	1.75	13
26.60	3.89	.789	5.80	2.97	13
26.80	8.22	1.146	10.67	6.94	12
27.00	16.58	1.745	20.30	13.57	12
27.10	22.27	2.017	27.41	19.37	12
27.20	29.91	2.499	35.60	26.63	12
27.30	39.58	3.100	46.08	35.28	12
27.40	53.75	4.054	62.63	49.18	12
27.50	73.81	5.012	84.75	66.79	12
27.60	105.22	4.306	109.75	99.23	5

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	12.798	n/a	n/a	n/a	1
24.80	12.480	.1046	12.544	12.359	3
25.00	12.296	.6334	12.976	11.445	4
25.20	11.744	.4500	12.184	11.010	7
25.40	10.946	.4344	11.655	10.488	11
25.60	10.389	.2325	10.793	10.010	12
25.80	10.162	.2468	10.529	9.690	12
26.00	9.948	.2329	10.240	9.486	12
26.20	9.670	.1927	9.985	9.293	12
26.40	9.223	.1591	9.449	8.906	12
26.60	8.391	.1902	8.582	8.068	12
26.80	6.748	.1582	6.993	6.515	12
27.00	4.715	.2014	5.155	4.400	12
27.10	3.676	.1810	3.949	3.219	12
27.20	2.512	.2063	2.780	2.075	12
27.30	1.285	.2451	1.623	.835	12
27.40	-0.204	.2908	.205	-0.790	12
27.50	-1.922	.3165	-1.388	-2.566	12
27.60	-4.065	.2562	-3.695	-4.312	5

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	13.141	n/a	n/a	n/a	1
24.80	13.049	.2416	13.252	12.782	3
25.00	13.128	.3176	13.501	12.735	4
25.20	12.968	.2640	13.389	12.632	7
25.40	12.630	.3267	13.243	12.227	11
25.60	12.478	.2859	13.077	12.139	12
25.80	12.304	.2639	12.885	11.983	12
26.00	12.113	.2420	12.672	11.807	12
26.20	11.902	.2180	12.427	11.616	12
26.40	11.656	.1916	12.135	11.406	12
26.60	11.345	.1640	11.758	11.127	12
26.80	10.888	.1312	11.206	10.709	12
27.00	10.180	.1035	10.425	10.032	12
27.10	9.701	.0832	9.894	9.588	12
27.20	9.131	.0575	9.259	9.041	12
27.30	8.448	.0326	8.518	8.382	12
27.40	7.627	.0231	7.663	7.586	12
27.50	6.602	.0445	6.666	6.536	12
27.60	5.324	.0622	5.384	5.235	5

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	6.78	n/a	n/a	n/a	1
24.80	6.45	n/a	n/a	n/a	1
25.00	6.36	n/a	n/a	n/a	1
25.20	6.59	.382	6.86	6.32	2
25.40	6.26	.530	6.64	5.89	2
25.60	5.55	.424	5.85	5.25	2
25.80	4.81	.424	5.11	4.51	2
26.00	4.14	.460	4.47	3.82	2
26.20	3.79	.113	3.87	3.71	2
26.40	3.74	.148	3.84	3.63	2
26.60	3.49	.057	3.53	3.45	2
26.80	2.03	.141	2.13	1.93	2
27.00	.76	.057	.80	.72	2
27.10	.48	.049	.52	.45	2
27.20	.38	.035	.40	.35	2
27.30	.34	.085	.40	.28	2
27.40	.38	.170	.50	.26	2
27.50	.53	.134	.63	.44	2
27.60	.97	.148	1.07	.86	2

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	1483	n/a	n/a	n/a	1
24.80	1483	.6	1484	1483	3
25.00	1484	2.2	1487	1482	4
25.20	1482	2.5	1487	1478	8
25.40	1480	3.4	1488	1476	12
25.60	1480	3.6	1488	1475	13
25.80	1481	2.8	1486	1477	13
26.00	1481	2.2	1485	1478	13
26.20	1482	1.6	1486	1479	13
26.40	1482	1.3	1485	1480	13
26.60	1480	1.0	1482	1479	13
26.80	1478	1.1	1479	1476	12
27.00	1477	.8	1479	1476	12
27.10	1477	.5	1478	1477	12
27.20	1478	.5	1478	1477	12
27.30	1479	.5	1479	1478	12
27.40	1480	.4	1481	1479	12
27.50	1482	.5	1483	1481	12
27.60	1486	.4	1486	1485	5

STATION MP06 M A Y 1956 to 1990

SIGMA -T.	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	10.63	.478	11.07	9.89	5	31.597	.1117	31.701	31.431	5
24.40	10.35	.521	11.58	9.74	10	31.798	.1147	32.047	31.656	10
24.60	10.17	.503	11.17	9.48	14	32.009	.1068	32.214	31.852	14
24.80	9.81	.556	10.82	8.56	29	32.188	.1183	32.397	31.927	29
25.00	9.21	.496	10.22	8.18	39	32.318	.0980	32.517	32.104	39
25.20	8.54	.434	9.50	7.61	46	32.438	.0822	32.621	32.255	46
25.40	8.03	.491	9.03	7.30	46	32.595	.0936	32.815	32.460	46
25.60	7.79	.578	9.03	6.62	46	32.809	.1064	33.037	32.596	46
25.80	7.73	.520	8.95	6.26	46	33.053	.0948	33.278	32.791	46
26.00	7.63	.500	8.57	6.35	46	33.288	.0906	33.458	33.059	46
26.20	7.55	.377	8.24	6.60	46	33.525	.0679	33.651	33.356	46
26.40	7.40	.242	7.87	6.76	46	33.751	.0429	33.834	33.638	46
26.60	6.85	.158	7.21	6.52	46	33.906	.0273	33.968	33.850	46
26.80	5.71	.181	6.07	5.23	45	33.975	.0278	34.030	33.903	45
27.00	4.76	.167	5.02	4.34	43	34.086	.0236	34.125	34.028	43
27.10	4.41	.142	4.63	4.06	42	34.164	.0194	34.194	34.116	42
27.20	4.09	.113	4.28	3.85	43	34.246	.0151	34.272	34.215	43
27.30	3.74	.100	3.94	3.45	42	34.328	.0132	34.353	34.292	42
27.40	3.34	.085	3.53	3.11	40	34.404	.0105	34.428	34.377	40
27.50	2.85	.075	3.02	2.66	32	34.474	.0087	34.492	34.454	32
27.60	2.33	.095	2.55	2.14	15	34.545	.0094	34.565	34.526	15

SIGMA -T.	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	7	5.4	12	1	5	373.0	.06	373.0	372.9	5
24.40	15	4.5	21	7	10	354.0	.11	354.2	353.9	10
24.60	20	6.4	31	10	14	335.1	.14	335.3	334.9	14
24.80	25	11.4	55	2	29	316.1	.20	316.8	315.7	29
25.00	33	11.3	64	14	39	297.2	.19	297.8	296.9	39
25.20	45	15.3	88	15	46	278.3	.26	279.1	277.9	46
25.40	66	15.7	99	41	46	259.6	.28	260.2	259.1	46
25.60	80	13.6	108	54	46	240.8	.25	241.3	240.3	46
25.80	91	13.0	117	64	46	221.9	.23	222.4	221.5	46
26.00	102	12.9	129	74	46	203.1	.23	203.6	202.7	46
26.20	117	13.0	143	94	46	184.4	.20	184.8	184.1	46
26.40	143	13.6	167	118	46	165.8	.22	166.4	165.4	46
26.60	199	18.8	274	172	46	147.5	.30	148.8	147.1	46
26.80	315	23.2	405	276	45	129.5	.32	130.7	128.9	45
27.00	483	21.8	547	445	43	111.7	.32	112.4	111.0	43
27.10	583	22.9	630	540	42	102.8	.29	103.3	102.2	42
27.20	700	22.7	766	665	43	94.0	.25	94.5	93.5	43
27.30	842	23.9	891	786	42	85.2	.27	85.7	84.6	42
27.40	1026	30.7	1098	968	40	76.4	.25	76.7	75.7	40
27.50	1280	32.9	1365	1206	32	67.4	.18	67.7	67.1	32
27.60	1609	65.2	1725	1483	15	58.2	.21	58.7	57.9	15

SIGMA -T.	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	10.63	.478	11.07	9.89	5	371.2	1.17	372.6	369.4	5
24.40	10.35	.518	11.57	9.74	10	351.9	2.08	353.8	348.1	10
24.60	10.17	.502	11.17	9.48	14	333.4	1.15	334.7	330.7	14
24.80	9.81	.556	10.82	8.56	29	314.5	1.14	315.6	311.3	29
25.00	9.20	.496	10.22	8.17	39	295.6	1.24	296.6	292.0	39
25.20	8.53	.435	9.50	7.60	46	276.9	.89	277.6	274.2	46
25.40	8.02	.489	9.03	7.29	46	258.0	.71	258.5	255.9	46
25.60	7.79	.577	9.02	6.62	46	238.9	.57	239.5	237.4	46
25.80	7.72	.520	8.94	6.25	46	219.8	.60	220.4	218.3	46
26.00	7.62	.499	8.56	6.34	46	201.0	.43	201.5	200.1	46
26.20	7.54	.376	8.23	6.59	46	182.2	.24	182.4	181.4	46
26.40	7.39	.242	7.85	6.75	46	163.3	.11	163.4	163.1	46
26.60	6.83	.158	7.19	6.50	46	144.3	.06	144.4	144.1	46
26.80	5.68	.181	6.04	5.20	45	125.2	.15	125.3	124.7	45
27.00	4.72	.166	4.98	4.30	43	106.2	.08	106.3	106.0	43
27.10	4.36	.142	4.58	4.01	42	96.7	.07	96.7	96.5	42
27.20	4.03	.114	4.23	3.79	43	87.2	.05	87.2	87.0	43
27.30	3.68	.098	3.87	3.39	42	77.6	.05	77.7	77.5	42
27.40	3.26	.086	3.46	3.04	40	68.0	.09	68.1	67.8	40
27.50	2.76	.076	2.93	2.57	32	58.4	.09	58.5	58.2	32
27.60	2.22	.098	2.45	2.02	15	48.7	.14	49.0	48.5	15

STATION MP06 M A Y 1956 to 1998

SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	.280	.2155	.450	.020	5	.01	.013	.03	.00	5
24.40	.541	.1620	.780	.270	10	.04	.024	.08	.01	10
24.60	.711	.2194	1.050	.330	14	.08	.046	.17	.02	14
24.80	.842	.3831	1.810	.060	29	.13	.105	.51	.00	29
25.00	1.084	.3763	2.070	.430	39	.20	.140	.67	.03	39
25.20	1.417	.4864	2.760	.430	46	.36	.234	1.21	.03	46
25.40	1.965	.4650	3.030	1.230	46	.67	.313	1.46	.25	46
25.60	2.334	.3951	3.260	1.540	46	.94	.318	1.70	.41	46
25.80	2.586	.3801	3.480	1.770	46	1.16	.338	1.95	.55	46
26.00	2.825	.3740	3.730	1.980	46	1.39	.366	2.27	.70	46
26.20	3.119	.3726	3.950	2.400	46	1.72	.396	2.57	1.07	46
26.40	3.573	.3792	4.360	2.870	46	2.33	.457	3.21	1.54	46
26.60	4.445	.4236	5.630	3.680	46	3.67	.727	6.61	2.84	46
26.80	6.050	.4764	7.430	5.180	45	8.11	1.239	12.86	6.14	45
27.00	8.094	.4295	9.200	7.360	43	16.43	1.559	21.33	13.61	43
27.10	9.172	.4208	10.260	8.580	42	22.34	1.831	26.81	19.58	42
27.20	10.336	.4162	11.450	9.650	43	30.01	2.089	36.46	26.59	43
27.30	11.620	.4291	12.650	10.720	42	40.19	2.451	46.32	34.63	42
27.40	13.099	.4428	14.110	12.200	40	54.53	3.312	61.89	48.10	40
27.50	14.877	.3918	15.770	13.930	32	76.21	3.786	86.23	67.97	32
27.60	16.968	.6103	18.230	15.690	15	106.85	7.779	121.92	92.33	15

SIGMA -T.	DELTA DH MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	12.634	.4816	13.090	11.955	4	12.863	.4762	13.509	12.360	4
24.40	12.362	.3065	12.973	11.829	9	12.882	.3007	13.485	12.336	9
24.60	12.215	.3522	12.861	11.711	13	12.890	.2909	13.454	12.306	13
24.80	12.039	.3027	12.677	11.574	27	12.819	.2990	13.567	12.269	27
25.00	11.776	.2667	12.285	11.266	36	12.766	.2637	13.452	12.222	36
25.20	11.426	.3750	12.106	10.420	42	12.693	.2530	13.312	12.163	42
25.40	10.869	.3165	11.502	10.250	42	12.588	.2338	13.135	12.080	42
25.60	10.495	.2753	11.273	9.918	42	12.448	.2150	12.942	11.971	42
25.80	10.242	.2720	11.100	9.680	42	12.285	.2008	12.755	11.839	42
26.00	10.008	.2780	10.888	9.476	42	12.102	.1904	12.605	11.682	42
26.20	9.723	.2687	10.694	9.220	42	11.897	.1831	12.437	11.504	42
26.40	9.275	.2190	9.821	8.911	42	11.657	.1766	12.231	11.290	42
26.60	8.403	.1997	8.838	7.763	42	11.351	.1596	11.866	11.021	42
26.80	6.786	.2132	7.187	5.962	42	10.896	.1326	11.290	10.627	42
27.00	4.752	.1734	5.052	4.224	42	10.185	.0973	10.420	9.993	42
27.10	3.668	.1842	4.046	3.285	42	9.711	.0769	9.880	9.547	42
27.20	2.502	.1769	2.764	1.972	43	9.142	.0570	9.273	9.001	43
27.30	1.219	.1864	1.647	.815	42	8.461	.0398	8.520	8.358	42
27.40	-0.281	.2418	.173	-0.851	40	7.632	.0219	7.669	7.566	40
27.50	-2.117	.2549	-1.558	-2.788	32	6.593	.0391	6.679	6.501	32
27.60	-4.178	.4456	-3.321	-4.996	15	5.292	.0722	5.414	5.126	15

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	6.94	.007	6.95	6.94	2	1489	1.7	1490	1486	5
24.40	6.92	.007	6.93	6.92	2	1488	2.2	1493	1485	10
24.60	6.89	.021	6.91	6.88	2	1488	2.0	1491	1485	14
24.80	6.85	.120	7.01	6.68	5	1486	2.3	1491	1481	29
25.00	6.83	.220	7.18	6.64	5	1485	2.1	1489	1480	39
25.20	6.70	.223	6.95	6.37	5	1482	1.9	1486	1479	46
25.40	6.27	.475	6.81	5.53	5	1481	2.2	1485	1478	46
25.60	5.68	.491	6.14	4.86	5	1481	2.5	1486	1476	46
25.80	4.99	.387	5.36	4.43	5	1481	2.2	1486	1475	46
26.00	4.35	.313	4.77	4.05	5	1481	2.1	1485	1476	46
26.20	3.83	.246	4.24	3.66	5	1481	1.6	1484	1477	46
26.40	3.30	.252	3.68	3.05	5	1481	1.0	1484	1479	46
26.60	2.81	.233	3.19	2.57	5	1480	.9	1483	1479	46
26.80	1.92	.325	2.42	1.61	5	1478	.9	1480	1476	45
27.00	.91	.196	1.13	.71	5	1477	1.0	1478	1475	43
27.10	.57	.088	.67	.46	5	1477	.8	1478	1475	42
27.20	.44	.060	.50	.35	5	1478	.7	1479	1476	43
27.30	.34	.056	.43	.28	5	1479	.6	1480	1478	42
27.40	.38	.051	.44	.33	4	1480	.6	1481	1479	40
27.50	.52	.061	.56	.45	3	1482	.5	1483	1482	32
27.60	.95	.089	1.02	.85	3	1486	.8	1488	1485	15

STATION MP06 J U N E 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	14.09	.014	14.10	14.08	2
23.80	13.69	.760	14.71	12.89	4
24.00	12.95	.698	14.06	12.01	7
24.20	12.37	.742	13.42	11.19	9
24.40	11.69	.714	12.79	10.55	14
24.60	10.97	.655	12.20	9.91	18
24.80	10.21	.609	11.23	9.20	20
25.00	9.38	.539	10.10	8.55	20
25.20	8.63	.444	9.38	7.88	20
25.40	8.05	.555	9.56	7.32	20
25.60	7.71	.603	9.44	7.06	20
25.80	7.58	.541	9.31	7.05	20
26.00	7.49	.479	8.96	6.82	20
26.20	7.41	.407	8.47	6.76	20
26.40	7.22	.344	7.81	6.67	20
26.60	6.77	.276	7.14	6.22	20
26.80	5.65	.259	5.96	4.97	19
27.00	4.68	.211	4.99	4.30	18
27.10	4.34	.156	4.61	4.07	18
27.20	4.03	.121	4.27	3.78	18
27.30	3.70	.108	3.92	3.51	18
27.40	3.28	.110	3.48	3.03	18
27.50	2.78	.118	2.91	2.46	16
27.60	2.30	.051	2.34	2.24	3

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
31.684	.0441	31.715	31.653	2
31.891	.2067	32.073	31.618	4
31.922	.2093	32.172	31.671	7
32.020	.1970	32.267	31.721	9
32.096	.1633	32.345	31.826	14
32.187	.1463	32.460	31.957	18
32.273	.1313	32.485	32.051	20
32.353	.1099	32.496	32.180	20
32.458	.0803	32.595	32.338	20
32.598	.1035	32.889	32.470	20
32.792	.1132	33.121	32.668	20
33.022	.1013	33.351	32.922	20
33.260	.0889	33.539	33.140	20
33.498	.0744	33.695	33.381	20
33.719	.0608	33.826	33.622	20
33.893	.0469	33.956	33.800	20
33.967	.0383	34.013	33.867	19
34.075	.0296	34.119	34.023	18
34.154	.0219	34.191	34.118	18
34.239	.0162	34.270	34.207	18
34.322	.0137	34.350	34.298	18
34.398	.0127	34.420	34.367	18
34.467	.0132	34.482	34.430	16
34.542	.0022	34.547	34.536	3

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	2	2.1	3	0	2
23.80	9	5.1	14	3	4
24.00	15	7.0	23	5	7
24.20	19	8.4	33	8	9
24.40	25	9.5	39	10	14
24.60	27	10.5	48	6	18
24.80	34	9.2	55	17	20
25.00	43	11.5	65	24	20
25.20	56	18.0	98	33	20
25.40	71	20.3	120	46	20
25.60	88	18.0	135	57	20
25.80	100	18.1	149	71	20
26.00	112	18.7	164	79	20
26.20	127	20.4	185	89	20
26.40	151	20.8	214	117	20
26.60	202	22.3	268	170	20
26.80	322	34.7	400	260	19
27.00	492	28.2	554	448	18
27.10	592	31.8	652	542	18
27.20	708	39.9	779	621	18
27.30	862	39.5	942	803	18
27.40	1054	38.4	1155	991	18
27.50	1302	61.7	1470	1210	16
27.60	1624	6.7	1632	1620	3

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
430.2	.04	430.2	430.1	2
411.1	.23	411.3	410.8	4
392.2	.26	392.4	391.8	7
373.2	.24	373.5	372.8	9
354.2	.18	354.6	354.0	14
335.2	.17	335.6	334.9	18
316.3	.18	316.7	316.0	20
297.4	.22	297.7	297.1	20
278.5	.35	279.4	278.0	20
259.7	.39	260.8	259.2	20
240.9	.38	242.1	240.4	20
222.1	.40	223.4	221.6	20
203.3	.39	204.6	202.8	20
184.5	.39	185.8	184.0	20
165.9	.32	167.0	165.5	20
147.5	.36	148.6	147.0	20
129.6	.48	130.7	128.9	19
111.7	.45	112.6	111.0	18
102.8	.42	103.7	102.1	18
94.0	.38	94.8	93.4	18
85.3	.31	86.0	84.9	18
76.4	.22	76.9	76.1	18
67.3	.21	67.8	67.0	16
58.2	.21	58.4	58.0	3

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	14.09	.014	14.10	14.08	2
23.80	13.69	.760	14.71	12.89	4
24.00	12.94	.699	14.06	12.01	7
24.20	12.37	.744	13.42	11.19	9
24.40	11.68	.715	12.79	10.55	14
24.60	10.96	.656	12.20	9.90	18
24.80	10.20	.608	11.23	9.20	20
25.00	9.37	.540	10.09	8.54	20
25.20	8.62	.443	9.37	7.88	20
25.40	8.04	.553	9.55	7.31	20
25.60	7.70	.600	9.42	7.05	20
25.80	7.57	.540	9.30	7.04	20
26.00	7.48	.477	8.94	6.81	20
26.20	7.40	.406	8.45	6.75	20
26.40	7.21	.343	7.80	6.66	20
26.60	6.75	.276	7.12	6.20	20
26.80	5.63	.257	5.93	4.95	19
27.00	4.64	.209	4.95	4.26	18
27.10	4.29	.156	4.57	4.02	18
27.20	3.98	.121	4.21	3.72	18
27.30	3.63	.107	3.85	3.44	18
27.40	3.21	.112	3.40	2.94	18
27.50	2.69	.120	2.82	2.36	16
27.60	2.19	.051	2.23	2.13	3

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
426.8	3.47	429.3	424.4	2
404.0	9.84	410.7	389.4	4
387.7	6.64	391.9	373.3	7
370.1	3.01	372.7	362.8	9
352.3	1.77	353.8	347.7	14
333.2	1.65	334.6	328.9	18
314.5	1.53	315.6	310.1	20
295.5	1.42	296.6	291.5	20
276.7	1.23	277.6	272.9	20
258.1	.61	258.5	256.5	20
239.0	.49	239.5	238.1	20
220.1	.37	220.4	219.2	20
201.1	.41	201.4	200.1	20
182.2	.27	182.4	181.4	20
163.3	.15	163.4	162.9	20
144.3	.05	144.4	144.2	20
125.1	.17	125.4	124.8	19
106.2	.09	106.3	106.0	18
96.7	.09	96.7	96.4	18
87.2	.05	87.2	87.1	18
77.6	.03	77.6	77.5	18
68.0	.09	68.2	67.9	18
58.4	.12	58.5	58.2	16
48.6	.06	48.7	48.6	3

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	.065	.0919	.130	.000	2
23.80	.367	.2159	.590	.120	4
24.00	.620	.2695	.910	.220	7
24.20	.769	.3287	1.290	.310	9
24.40	.957	.3499	1.470	.430	14
24.60	1.024	.3961	1.770	.210	18
24.80	1.234	.3377	1.980	.580	20
25.00	1.501	.3986	2.290	.870	20
25.20	1.870	.5815	3.240	1.150	20
25.40	2.288	.6401	3.830	1.440	20
25.60	2.704	.5741	4.220	1.890	20
25.80	2.992	.5785	4.540	2.230	20
26.00	3.253	.5912	4.870	2.410	20
26.20	3.549	.6186	5.280	2.600	20
26.40	3.960	.6286	5.800	3.080	20
26.60	4.758	.6086	6.640	4.100	20
26.80	6.432	.7081	8.480	5.400	19
27.00	8.513	.6131	10.380	7.740	18
27.10	9.599	.6189	11.450	8.910	18
27.20	10.751	.6583	12.730	9.980	18
27.30	12.137	.6719	14.210	11.190	18
27.40	13.703	.6679	15.640	12.780	18
27.50	15.502	.8053	17.540	14.450	16
27.60	17.613	.2635	17.830	17.320	3

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.00	.000	.00	.00	2
.02	.018	.04	.00	4
.06	.039	.11	.01	7
.09	.065	.21	.01	9
.14	.089	.29	.02	14
.16	.110	.43	.01	18
.23	.118	.54	.05	20
.34	.177	.74	.11	20
.55	.352	1.51	.18	20
.84	.481	2.16	.33	20
1.16	.510	2.68	.49	20
1.44	.564	3.13	.72	20
1.73	.632	3.67	.85	20
2.10	.731	4.39	1.02	20
2.68	.850	5.46	1.53	20
4.13	1.015	7.53	3.04	20
8.63	1.860	13.84	5.82	19
17.24	2.175	23.10	14.44	18
23.28	2.654	29.69	19.61	18
31.00	3.542	39.12	25.30	18
42.19	4.119	52.20	37.14	18
57.59	4.605	68.51	50.77	18
79.46	7.645	99.17	68.64	16
109.09	.875	110.04	108.32	3

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	13.266	.0969	13.335	13.198	2
23.80	13.473	.5645	14.119	13.073	3
24.00	12.902	.5855	13.853	12.117	6
24.20	12.688	.5824	13.703	11.988	7
24.40	12.343	.5310	13.552	11.802	12
24.60	12.171	.4597	13.325	11.632	16
24.80	11.930	.3797	13.037	11.473	18
25.00	11.654	.3421	12.568	11.255	18
25.20	11.273	.3240	11.761	10.760	18
25.40	10.868	.4009	11.617	10.330	18
25.60	10.458	.3356	11.357	10.042	18
25.80	10.175	.3310	11.003	9.794	18
26.00	9.918	.3453	10.792	9.504	18
26.20	9.623	.3790	10.602	9.148	18
26.40	9.207	.3598	10.165	8.770	18
26.60	8.400	.2250	8.742	7.969	18
26.80	6.716	.2899	7.230	6.140	18
27.00	4.690	.2177	5.031	4.241	18
27.10	3.607	.2393	4.013	3.163	18
27.20	2.455	.3212	3.177	1.894	18
27.30	1.067	.3181	1.557	.414	18
27.40	-0.497	.3093	.000	-1.321	18
27.50	-2.300	.4793	-1.580	-3.596	16
27.60	-4.302	.0326	-4.274	-4.338	3

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
13.338	.0135	13.347	13.328	2
13.759	.7420	14.616	13.318	3
13.503	.5558	14.585	13.020	6
13.464	.5062	14.546	12.971	7
13.279	.4532	14.499	12.826	12
13.130	.4271	14.443	12.608	16
13.060	.4063	14.372	12.559	18
12.985	.3986	14.283	12.504	18
12.889	.3812	14.143	12.434	18
12.766	.3540	13.934	12.345	18
12.611	.3295	13.694	12.219	18
12.431	.3065	13.426	12.060	18
12.229	.2853	13.131	11.878	18
12.003	.2670	12.804	11.676	18
11.743	.2514	12.424	11.450	18
11.422	.2316	11.994	11.171	18
10.958	.1896	11.400	10.722	18
10.228	.1418	10.528	10.035	18
9.745	.1175	9.984	9.568	18
9.169	.0870	9.340	9.027	18
8.481	.0499	8.573	8.403	18
7.631	.0247	7.684	7.586	18
6.552	.0652	6.623	6.366	16
5.265	.0313	5.301	5.244	3

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	6.64	n/a	n/a	n/a	1
24.60	6.66	n/a	n/a	n/a	1
24.80	6.68	n/a	n/a	n/a	1
25.00	6.70	n/a	n/a	n/a	1
25.20	6.52	n/a	n/a	n/a	1
25.40	6.04	n/a	n/a	n/a	1
25.60	5.70	n/a	n/a	n/a	1
25.80	5.38	n/a	n/a	n/a	1
26.00	4.57	n/a	n/a	n/a	1
26.20	4.00	n/a	n/a	n/a	1
26.40	3.92	n/a	n/a	n/a	1
26.60	3.05	n/a	n/a	n/a	1
26.80	2.34	n/a	n/a	n/a	1
27.00	1.06	n/a	n/a	n/a	1
27.10	.82	n/a	n/a	n/a	1
27.20	.62	n/a	n/a	n/a	1
27.30	.46	n/a	n/a	n/a	1
27.40	.45	n/a	n/a	n/a	1
27.50	.65	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1500	0	1500	1500	2
1499	2.9	1503	1496	4
1497	2.4	1501	1494	7
1495	2.8	1499	1491	9
1493	2.6	1497	1489	14
1491	2.5	1495	1487	18
1488	2.4	1492	1484	20
1485	2.2	1488	1482	20
1483	2.0	1487	1480	20
1481	2.6	1488	1478	20
1480	2.6	1488	1478	20
1480	2.4	1488	1478	20
1481	2.0	1487	1478	20
1481	1.9	1486	1478	20
1481	1.5	1483	1478	20
1480	1.3	1482	1477	20
1478	1.3	1480	1475	19
1477	1.2	1479	1475	18
1477	1.0	1479	1475	18
1478	.8	1479	1477	18
1479	.7	1480	1478	18
1480	.5	1481	1480	18
1482	.7	1484	1481	16
1486	.0	1486	1486	3

STATION MP06 J U L Y 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	14.20	n/a	n/a	n/a	1
23.40	13.58	n/a	n/a	n/a	1
23.60	13.00	n/a	n/a	n/a	1
23.80	13.99	.907	15.03	12.45	6
24.00	13.26	.850	14.31	11.93	6
24.20	12.88	.759	14.15	11.44	11
24.40	12.08	.696	13.20	10.84	13
24.60	11.27	.648	12.21	10.28	13
24.80	10.48	.574	11.31	9.68	13
25.00	9.64	.372	10.24	9.01	13
25.20	8.79	.287	9.26	8.34	13
25.40	8.07	.273	8.32	7.37	13
25.60	7.83	.303	8.15	7.06	13
25.80	7.73	.297	8.13	7.33	13
26.00	7.63	.313	8.15	7.15	13
26.20	7.49	.314	8.06	6.99	13
26.40	7.27	.229	7.68	6.93	13
26.60	6.79	.176	7.11	6.52	13
26.80	5.72	.145	5.91	5.41	13
27.00	4.75	.091	4.94	4.58	13
27.10	4.39	.087	4.50	4.24	13
27.20	4.09	.091	4.21	3.93	13
27.30	3.71	.089	3.91	3.56	13
27.40	3.31	.064	3.45	3.22	12
27.50	2.81	.059	2.93	2.74	8
27.60	2.29	.007	2.30	2.29	2

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	31.164	n/a	n/a	n/a	1
23.40	31.298	n/a	n/a	n/a	1
23.60	31.425	n/a	n/a	n/a	1
23.80	31.897	.2171	32.157	31.544	6
24.00	31.961	.2054	32.227	31.656	6
24.20	32.124	.1876	32.440	31.763	11
24.40	32.199	.1616	32.460	31.919	13
24.60	32.274	.1470	32.471	32.067	13
24.80	32.346	.1246	32.501	32.143	13
25.00	32.413	.0816	32.522	32.286	13
25.20	32.486	.0574	32.572	32.398	13
25.40	32.599	.0504	32.644	32.468	13
25.60	32.812	.0578	32.884	32.669	13
25.80	33.046	.0535	33.119	32.974	13
26.00	33.285	.0578	33.376	33.199	13
26.20	33.512	.0563	33.614	33.421	13
26.40	33.726	.0401	33.799	33.667	13
26.60	33.897	.0302	33.951	33.850	13
26.80	33.977	.0218	34.007	33.930	13
27.00	34.084	.0128	34.112	34.061	13
27.10	34.160	.0113	34.175	34.141	13
27.20	34.246	.0112	34.262	34.226	13
27.30	34.324	.0116	34.349	34.305	13
27.40	34.401	.0075	34.417	34.391	12
27.50	34.470	.0080	34.482	34.460	8
27.60	34.542	.0076	34.544	34.540	2

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	15	n/a	n/a	n/a	1
23.40	16	n/a	n/a	n/a	1
23.60	17	n/a	n/a	n/a	1
23.80	17	7.8	30	8	6
24.00	24	5.8	33	18	6
24.20	24	6.8	35	15	11
24.40	29	6.6	38	17	13
24.60	32	7.6	43	18	13
24.80	37	8.4	49	20	13
25.00	45	9.1	60	30	13
25.20	57	10.8	70	37	13
25.40	76	15.1	105	47	13
25.60	91	14.7	115	56	13
25.80	102	14.7	126	69	13
26.00	116	12.8	140	97	13
26.20	134	12.3	159	116	13
26.40	162	14.7	183	139	13
26.60	212	15.7	240	188	13
26.80	320	22.2	371	288	13
27.00	490	26.1	532	432	13
27.10	593	20.2	626	564	13
27.20	714	24.3	742	655	13
27.30	860	31.9	901	769	13
27.40	1043	35.4	1078	942	12
27.50	1294	50.0	1343	1181	8
27.60	1646	14.8	1656	1635	2

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	468.5	n/a	n/a	n/a	1
23.40	449.2	n/a	n/a	n/a	1
23.60	429.9	n/a	n/a	n/a	1
23.80	411.3	.30	411.8	410.9	6
24.00	392.4	.26	392.7	392.0	6
24.20	373.4	.13	373.6	373.2	11
24.40	354.3	.18	354.5	354.0	13
24.60	335.2	.21	335.5	335.0	13
24.80	316.3	.22	316.6	315.9	13
25.00	297.4	.23	297.7	297.0	13
25.20	278.5	.20	278.8	278.2	13
25.40	259.8	.26	260.3	259.3	13
25.60	240.9	.21	241.3	240.5	13
25.80	222.1	.20	222.4	221.7	13
26.00	203.3	.17	203.6	203.1	13
26.20	184.6	.16	184.8	184.4	13
26.40	166.1	.23	166.5	165.8	13
26.60	147.7	.24	148.2	147.3	13
26.80	129.6	.26	130.3	129.3	13
27.00	111.7	.27	112.1	111.2	13
27.10	102.8	.18	103.1	102.6	13
27.20	94.1	.20	94.4	93.8	13
27.30	85.3	.21	85.6	84.9	13
27.40	76.4	.21	76.7	76.0	12
27.50	67.4	.19	67.6	67.0	8
27.60	58.3	.21	58.4	58.1	2

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	14.20	n/a	n/a	n/a	1
23.40	13.58	n/a	n/a	n/a	1
23.60	12.99	n/a	n/a	n/a	1
23.80	13.99	.906	15.03	12.45	6
24.00	13.26	.850	14.31	11.93	6
24.20	12.88	.763	14.15	11.43	11
24.40	12.07	.699	13.20	10.83	13
24.60	11.27	.651	12.21	10.27	13
24.80	10.47	.574	11.30	9.67	13
25.00	9.64	.373	10.24	9.00	13
25.20	8.79	.286	9.25	8.34	13
25.40	8.06	.272	8.31	7.36	13
25.60	7.82	.303	8.14	7.05	13
25.80	7.72	.298	8.13	7.32	13
26.00	7.62	.314	8.14	7.13	13
26.20	7.48	.315	8.04	6.97	13
26.40	7.26	.226	7.66	6.92	13
26.60	6.77	.176	7.09	6.50	13
26.80	5.69	.146	5.88	5.38	13
27.00	4.71	.090	4.90	4.55	13
27.10	4.34	.085	4.45	4.20	13
27.20	4.03	.090	4.16	3.88	13
27.30	3.65	.089	3.85	3.50	13
27.40	3.23	.066	3.38	3.14	12
27.50	2.72	.063	2.85	2.64	8
27.60	2.18	.007	2.18	2.17	2

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	467.0	n/a	n/a	n/a	1
23.40	445.2	n/a	n/a	n/a	1
23.60	425.0	n/a	n/a	n/a	1
23.80	409.6	1.88	411.0	406.2	6
24.00	390.9	1.25	391.8	388.7	6
24.20	371.7	1.22	372.8	369.2	11
24.40	351.5	1.50	353.6	349.3	13
24.60	332.0	2.08	334.6	329.0	13
24.80	313.4	2.57	315.6	308.0	13
25.00	295.1	1.86	296.6	290.3	13
25.20	276.9	.68	277.5	275.1	13
25.40	258.1	.38	258.5	257.5	13
25.60	239.1	.49	239.5	238.0	13
25.80	220.1	.31	220.4	219.5	13
26.00	201.1	.38	201.4	200.4	13
26.20	182.3	.14	182.4	182.0	13
26.40	163.3	.11	163.4	163.1	13
26.60	144.3	.04	144.4	144.2	13
26.80	125.2	.14	125.3	124.9	13
27.00	106.2	.06	106.3	106.1	13
27.10	96.7	.04	96.7	96.6	13
27.20	87.1	.07	87.2	87.0	13
27.30	77.6	.05	77.7	77.5	13
27.40	68.0	.11	68.1	67.8	12
27.50	58.4	.15	58.6	58.2	8
27.60	48.6	.14	48.7	48.5	2

STATION MP06 J U L Y 1955 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	.740	n/a	n/a	n/a	1
23.40	.780	n/a	n/a	n/a	1
23.60	.830	n/a	n/a	n/a	1
23.80	.718	.3340	1.270	.350	6
24.00	1.030	.2328	1.390	.750	6
24.20	.992	.2918	1.470	.600	11
24.40	1.137	.2693	1.550	.650	13
24.60	1.253	.2944	1.700	.710	13
24.80	1.404	.3137	1.840	.760	13
25.00	1.660	.2951	2.110	1.180	13
25.20	1.996	.3173	2.450	1.470	13
25.40	2.522	.4187	3.340	1.810	13
25.60	2.893	.3971	3.590	2.040	13
25.80	3.165	.4038	3.850	2.340	13
26.00	3.453	.3742	4.150	2.930	13
26.20	3.795	.3598	4.500	3.260	13
26.40	4.296	.3708	4.830	3.770	13
26.60	5.085	.3690	5.630	4.440	13
26.80	6.581	.3342	7.250	6.050	13
27.00	8.638	.3356	9.190	8.160	13
27.10	9.751	.3258	10.420	9.100	13
27.20	10.961	.3257	11.620	10.380	13
27.30	12.278	.4117	13.050	11.400	13
27.40	13.728	.3701	14.260	12.800	12
27.50	15.594	.4814	16.150	14.520	8
27.60	17.855	.0778	17.910	17.800	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
.06	n/a	n/a	n/a	1
.07	n/a	n/a	n/a	1
.07	n/a	n/a	n/a	1
.07	.069	.20	.01	6
.14	.063	.24	.07	6
.13	.070	.26	.05	11
.17	.074	.29	.06	13
.21	.090	.35	.07	13
.27	.107	.44	.08	13
.38	.138	.62	.18	13
.55	.185	.82	.25	13
.93	.342	1.66	.40	13
1.24	.365	1.94	.53	13
1.51	.412	2.27	.72	13
1.83	.422	2.67	1.22	13
2.27	.439	3.21	1.72	13
3.03	.511	3.79	2.31	13
4.55	.622	5.44	3.54	13
8.63	1.032	11.13	7.35	13
17.17	1.667	20.12	13.79	13
23.34	1.623	26.21	21.04	13
31.46	2.012	34.21	27.07	13
42.15	2.876	46.34	34.56	13
56.58	3.540	61.15	46.86	12
78.66	5.844	84.68	65.64	8
112.35	1.902	113.70	111.01	2

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	12.593	n/a	n/a	n/a	1
23.40	12.550	n/a	n/a	n/a	1
23.60	12.510	n/a	n/a	n/a	1
23.80	12.635	.2626	13.020	12.290	6
24.00	12.326	.1707	12.506	12.104	6
24.20	12.357	.3284	13.042	11.989	11
24.40	12.218	.2386	12.651	11.876	13
24.60	12.103	.2594	12.561	11.743	13
24.80	11.952	.2438	12.291	11.606	13
25.00	11.696	.2194	12.045	11.415	13
25.20	11.361	.2866	11.922	10.992	13
25.40	10.835	.3747	11.755	10.407	13
25.60	10.464	.3636	11.519	10.120	13
25.80	10.191	.3552	11.219	9.865	13
26.00	9.903	.2944	10.637	9.586	13
26.20	9.561	.2382	9.926	9.275	13
26.40	9.061	.2545	9.463	8.681	13
26.60	8.270	.2543	8.630	7.815	13
26.80	6.777	.2050	7.110	6.313	13
27.00	4.717	.2460	5.284	4.369	13
27.10	3.605	.1603	3.860	3.346	13
27.20	2.396	.1774	2.793	2.161	13
27.30	1.077	.2447	1.769	.758	13
27.40	-0.409	.2758	.369	-0.691	12
27.50	-2.233	.3915	-1.352	-2.609	8
27.60	-4.457	.1068	-4.382	-4.533	2

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
13.312	n/a	n/a	n/a	1
13.282	n/a	n/a	n/a	1
13.249	n/a	n/a	n/a	1
13.323	.1448	13.544	13.152	6
13.284	.1362	13.483	13.114	6
13.274	.2291	13.802	12.928	11
13.243	.2152	13.745	12.897	13
13.185	.2098	13.682	12.863	13
13.120	.2039	13.611	12.827	13
13.043	.1929	13.514	12.780	13
12.947	.1843	13.397	12.688	13
12.824	.1744	13.230	12.568	13
12.665	.1668	13.018	12.408	13
12.481	.1629	12.791	12.233	13
12.275	.1608	12.610	12.045	13
12.042	.1571	12.399	11.840	13
11.768	.1491	12.107	11.563	13
11.427	.1440	11.713	11.199	13
10.953	.1340	11.186	10.710	13
10.236	.0980	10.383	10.014	13
9.753	.0809	9.856	9.545	13
9.179	.0663	9.253	8.992	13
8.480	.0441	8.530	8.357	13
7.634	.0167	7.652	7.597	12
6.578	.0347	6.641	6.533	8
5.236	.0212	5.251	5.221	2

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	5.97	n/a	n/a	n/a	1
24.00	6.02	n/a	n/a	n/a	1
24.20	6.25	n/a	n/a	n/a	1
24.40	6.45	n/a	n/a	n/a	1
24.60	6.49	n/a	n/a	n/a	1
24.80	6.49	n/a	n/a	n/a	1
25.00	6.48	n/a	n/a	n/a	1
25.20	6.09	n/a	n/a	n/a	1
25.40	5.32	n/a	n/a	n/a	1
25.60	4.79	n/a	n/a	n/a	1
25.80	4.30	n/a	n/a	n/a	1
26.00	3.72	n/a	n/a	n/a	1
26.20	3.70	n/a	n/a	n/a	1
26.40	3.06	n/a	n/a	n/a	1
26.60	2.30	n/a	n/a	n/a	1
26.80	1.68	n/a	n/a	n/a	1
27.00	.91	n/a	n/a	n/a	1
27.10	.47	n/a	n/a	n/a	1
27.20	.24	n/a	n/a	n/a	1
27.30	.18	n/a	n/a	n/a	1
27.40	.25	n/a	n/a	n/a	1
27.50	.56	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	1
1498	n/a	n/a	n/a	1
1497	n/a	n/a	n/a	1
1501	3.4	1505	1495	6
1498	3.3	1502	1493	6
1497	2.8	1502	1492	11
1495	2.7	1499	1490	13
1492	2.5	1495	1488	13
1489	2.3	1492	1486	13
1486	1.5	1489	1484	13
1483	1.2	1485	1481	13
1481	1.3	1483	1478	13
1481	1.2	1482	1478	13
1481	1.1	1482	1479	13
1481	1.1	1483	1479	13
1481	1.3	1484	1480	13
1481	1.0	1483	1480	13
1480	.7	1481	1479	13
1478	.6	1479	1477	13
1477	.7	1478	1476	13
1477	.5	1478	1476	13
1478	.5	1479	1477	13
1479	.5	1480	1478	13
1480	.7	1481	1479	12
1483	.8	1483	1481	8
1487	.7	1487	1486	2

STATION MP06 A U G U S T 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	16.04	n/a	n/a	n/a	1
23.20	15.32	.552	15.71	14.93	2
23.40	15.20	.636	15.64	14.26	4
23.60	14.99	.594	15.91	13.87	11
23.80	14.43	.481	15.07	13.55	20
24.00	13.68	.491	14.39	12.67	25
24.20	12.92	.524	13.80	11.68	29
24.40	12.10	.575	13.27	10.79	29
24.60	11.30	.564	12.09	9.99	29
24.80	10.44	.550	11.27	8.86	29
25.00	9.62	.538	10.24	7.79	29
25.20	8.86	.435	9.66	8.03	29
25.40	8.24	.655	9.57	7.36	29
25.60	7.84	.850	9.51	6.83	29
25.80	7.70	.836	9.38	6.58	29
26.00	7.64	.698	9.06	6.59	29
26.20	7.52	.543	8.58	6.50	29
26.40	7.29	.336	7.89	6.55	29
26.60	6.80	.190	7.07	6.39	29
26.80	5.71	.155	5.94	5.39	29
27.00	4.75	.117	4.94	4.45	28
27.10	4.38	.108	4.57	4.18	27
27.20	4.07	.097	4.32	3.88	27
27.30	3.72	.093	3.97	3.55	26
27.40	3.33	.078	3.46	3.20	25
27.50	2.84	.088	3.01	2.70	23
27.60	2.36	.077	2.52	2.27	9

SALINITY

MEAN	S.D.	MAX	MIN	N
31.406	n/a	n/a	n/a	1
31.590	.0027	31.591	31.590	2
31.753	.0618	31.807	31.675	4
31.934	.1333	32.151	31.724	11
32.023	.1410	32.254	31.764	20
32.088	.1270	32.301	31.862	25
32.153	.1280	32.391	31.861	29
32.213	.1399	32.471	31.875	29
32.285	.1257	32.495	32.034	29
32.348	.1124	32.509	32.069	29
32.414	.0996	32.537	32.076	29
32.505	.0833	32.667	32.361	29
32.637	.1272	32.904	32.466	29
32.819	.1604	33.138	32.632	29
33.049	.1548	33.364	32.846	29
33.289	.1291	33.556	33.099	29
33.520	.0988	33.716	33.339	29
33.731	.0598	33.838	33.603	29
33.898	.0328	33.946	33.828	29
33.976	.0238	34.011	33.927	29
34.085	.0166	34.114	34.043	28
34.160	.0148	34.186	34.132	27
34.244	.0130	34.278	34.219	27
34.326	.0127	34.358	34.305	26
34.403	.0086	34.419	34.387	25
34.473	.0097	34.491	34.456	23
34.548	.0071	34.562	34.540	9

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	9	n/a	n/a	n/a	1
23.20	7	7.1	12	2	2
23.40	17	8.8	25	5	4
23.60	17	9.4	30	2	11
23.80	19	8.5	32	1	20
24.00	21	8.9	36	7	25
24.20	25	8.6	39	5	29
24.40	29	7.9	42	13	29
24.60	33	7.8	45	19	29
24.80	37	7.9	51	23	29
25.00	43	8.6	59	24	29
25.20	57	14.9	87	35	29
25.40	72	18.0	110	45	29
25.60	88	17.6	124	57	29
25.80	101	16.5	136	72	29
26.00	113	16.9	149	83	29
26.20	129	20.0	172	95	29
26.40	154	23.7	207	123	29
26.60	206	28.8	267	168	29
26.80	322	31.7	395	277	29
27.00	495	32.9	568	460	28
27.10	597	33.0	675	549	27
27.20	713	32.0	783	667	27
27.30	862	37.5	931	800	26
27.40	1046	40.8	1100	945	25
27.50	1285	54.4	1396	1173	23
27.60	1579	81.5	1666	1404	9

SVA

MEAN	S.D.	MAX	MIN	N
487.6	n/a	n/a	n/a	1
468.4	.29	468.6	468.2	2
449.6	.31	449.8	449.1	4
430.5	.26	430.9	430.1	11
411.4	.19	411.7	411.0	20
392.3	.20	392.8	392.0	25
373.3	.22	373.7	372.9	29
354.3	.21	354.6	353.8	29
335.2	.19	335.6	334.6	29
316.3	.21	316.7	315.6	29
297.4	.22	297.8	296.8	29
278.5	.32	279.2	278.1	29
259.7	.37	260.6	259.2	29
240.9	.41	241.9	240.4	29
222.1	.41	223.1	221.6	29
203.3	.41	204.3	202.9	29
184.6	.44	185.6	184.1	29
166.0	.43	167.0	165.4	29
147.6	.46	148.6	147.0	29
129.6	.45	130.6	129.0	29
111.8	.40	112.7	111.3	28
102.9	.38	103.9	102.4	27
94.1	.35	95.0	93.6	27
85.3	.34	86.1	84.8	26
76.5	.24	77.0	76.1	25
67.4	.22	67.8	67.0	23
58.2	.26	58.6	57.7	9

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	16.04	n/a	n/a	n/a	1
23.20	15.32	.552	15.71	14.93	2
23.40	15.19	.632	15.63	14.26	4
23.60	14.99	.592	15.90	13.87	11
23.80	14.43	.480	15.07	13.55	20
24.00	13.68	.491	14.38	12.67	25
24.20	12.91	.524	13.80	11.67	29
24.40	12.10	.577	13.27	10.78	29
24.60	11.29	.564	12.09	9.99	29
24.80	10.43	.549	11.26	8.86	29
25.00	9.61	.538	10.24	7.78	29
25.20	8.85	.435	9.65	8.02	29
25.40	8.23	.654	9.56	7.35	29
25.60	7.83	.850	9.50	6.82	29
25.80	7.69	.835	9.36	6.57	29
26.00	7.63	.698	9.05	6.58	29
26.20	7.50	.543	8.57	6.48	29
26.40	7.28	.334	7.88	6.54	29
26.60	6.78	.189	7.05	6.37	29
26.80	5.69	.153	5.91	5.36	29
27.00	4.71	.117	4.90	4.41	28
27.10	4.33	.106	4.51	4.14	27
27.20	4.02	.096	4.27	3.83	27
27.30	3.66	.093	3.91	3.49	26
27.40	3.25	.079	3.39	3.12	25
27.50	2.75	.092	2.93	2.61	23
27.60	2.25	.084	2.43	2.16	9

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
486.9	n/a	n/a	n/a	1
458.5	11.46	466.6	450.4	2
444.1	8.89	449.1	430.8	4
426.6	3.47	429.6	419.6	11
408.7	2.33	410.9	402.5	20
389.2	2.92	391.9	382.4	25
370.1	3.12	372.8	362.2	29
350.9	3.14	353.7	343.8	29
331.5	3.00	334.5	325.9	29
312.6	2.46	315.5	307.6	29
294.7	1.95	296.6	290.8	29
276.6	1.25	277.6	272.4	29
257.9	.73	258.5	255.8	29
239.0	.47	239.5	238.1	29
219.9	.45	220.5	218.9	29
201.1	.36	201.5	200.2	29
182.1	.27	182.4	181.5	29
163.3	.10	163.4	163.1	29
144.3	.09	144.4	144.0	29
125.2	.16	125.3	124.7	29
106.1	.10	106.3	106.0	28
96.6	.09	96.7	96.5	27
87.1	.06	87.2	87.0	27
77.6	.06	77.7	77.5	26
68.0	.11	68.1	67.8	25
58.4	.13	58.6	58.2	23
48.7	.17	49.0	48.5	9

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	.450	n/a	n/a	n/a	1
23.20	.350	.3677	.610	.090	2
23.40	.782	.4068	1.140	.220	4
23.60	.744	.4281	1.320	.070	11
23.80	.808	.3816	1.420	.060	20
24.00	.890	.3948	1.540	.270	25
24.20	1.021	.3769	1.670	.210	29
24.40	1.168	.3425	1.790	.490	29
24.60	1.306	.3345	1.900	.730	29
24.80	1.459	.3307	2.010	.930	29
25.00	1.642	.3478	2.340	1.020	29
25.20	2.037	.5267	3.050	1.320	29
25.40	2.443	.6051	3.600	1.570	29
25.60	2.859	.5930	3.960	1.900	29
25.80	3.156	.5644	4.240	2.250	29
26.00	3.418	.5720	4.540	2.470	29
26.20	3.726	.6256	4.990	2.700	29
26.40	4.167	.6926	5.670	3.260	29
26.60	4.977	.7477	6.620	4.010	29
26.80	6.584	.7687	8.390	5.580	29
27.00	8.691	.7565	10.510	7.770	28
27.10	9.793	.7678	11.510	8.790	27
27.20	10.943	.7562	12.560	9.920	27
27.30	12.309	.8050	13.860	11.160	26
27.40	13.813	.8054	15.280	12.370	25
27.50	15.488	.8143	16.950	14.010	23
27.60	17.194	.9608	19.000	15.470	9

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.02	n/a	n/a	n/a	1
.02	.028	.04	.00	2
.08	.061	.15	.01	4
.08	.071	.20	.00	11
.09	.070	.23	.00	20
.11	.085	.28	.01	25
.14	.089	.32	.01	29
.18	.093	.36	.03	29
.22	.102	.41	.07	29
.28	.114	.48	.10	29
.35	.136	.64	.12	29
.58	.299	1.22	.21	29
.86	.416	1.84	.32	29
1.20	.476	2.28	.49	29
1.49	.506	2.65	.72	29
1.77	.565	3.07	.89	29
2.17	.706	3.80	1.10	29
2.82	.924	4.92	1.78	29
4.34	1.261	7.20	2.92	29
8.69	1.863	13.23	6.31	29
17.48	2.615	23.64	14.82	28
23.68	2.988	29.95	19.81	27
31.41	3.292	38.03	27.08	27
42.36	4.169	50.12	36.07	26
57.14	4.868	64.84	46.66	25
77.83	6.541	89.64	64.57	23
104.39	9.958	115.23	83.87	9

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	12.990	n/a	n/a	n/a	1
23.20	12.752	.1011	12.823	12.680	2
23.40	13.002	.4675	13.540	12.551	4
23.60	12.859	.3962	13.529	12.428	10
23.80	12.703	.4073	13.842	12.278	19
24.00	12.552	.3697	13.611	12.170	22
24.20	12.372	.3264	13.132	11.812	26
24.40	12.224	.3185	12.935	11.704	26
24.60	12.084	.3382	12.751	11.485	26
24.80	11.940	.3528	12.586	11.419	26
25.00	11.750	.3426	12.415	11.323	26
25.20	11.335	.3079	12.113	10.795	26
25.40	10.917	.3244	11.854	10.461	26
25.60	10.495	.2941	11.533	10.049	26
25.80	10.194	.2677	11.187	9.793	26
26.00	9.933	.2634	10.969	9.533	26
26.20	9.626	.2861	10.732	9.224	26
26.40	9.177	.2629	9.937	8.801	26
26.60	8.348	.2443	8.686	7.935	26
26.80	6.740	.2612	7.229	6.159	26
27.00	4.644	.2631	4.971	4.046	26
27.10	3.552	.2565	3.919	2.954	26
27.20	2.404	.2482	2.735	1.859	26
27.30	1.067	.2977	1.529	.508	26
27.40	-0.436	.3252	.347	-0.888	25
27.50	-2.170	.4206	-1.298	-3.000	23
27.60	-3.998	.5852	-2.755	-4.659	9

ACC. POT.

MEAN	S.D.	MAX	MIN	N
13.430	n/a	n/a	n/a	1
13.087	.4554	13.409	12.765	2
13.760	.8380	14.533	12.759	4
13.573	.6365	14.487	12.715	10
13.461	.5667	14.430	12.640	19
13.377	.5304	14.367	12.632	22
13.274	.5000	14.297	12.614	26
13.224	.4874	14.221	12.584	26
13.166	.4760	14.140	12.542	26
13.101	.4657	14.053	12.492	26
13.027	.4571	13.963	12.433	26
12.934	.4410	13.825	12.362	26
12.812	.4164	13.660	12.280	26
12.658	.3904	13.471	12.175	26
12.476	.3664	13.253	12.022	26
12.272	.3433	12.999	11.843	26
12.044	.3182	12.704	11.645	26
11.780	.2890	12.360	11.411	26
11.452	.2481	11.946	11.116	26
10.980	.2005	11.392	10.688	26
10.247	.1427	10.560	10.014	26
9.758	.1149	10.024	9.568	26
9.178	.0848	9.370	9.032	26
8.485	.0533	8.598	8.392	26
7.637	.0186	7.672	7.600	25
6.574	.0464	6.664	6.492	23
5.292	.0748	5.438	5.198	9

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	6.13	n/a	n/a	n/a	1
23.40	6.17	.163	6.29	6.06	2
23.60	6.29	.156	6.39	6.11	3
23.80	6.26	.145	6.41	6.09	4
24.00	6.26	.077	6.34	6.17	4
24.20	6.39	.339	6.85	5.96	5
24.40	6.35	.376	6.66	5.78	5
24.60	6.21	.486	6.72	5.62	5
24.80	6.24	.458	6.79	5.81	5
25.00	6.23	.311	6.60	5.98	5
25.20	6.08	.306	6.46	5.69	5
25.40	5.78	.609	6.50	5.11	5
25.60	5.41	.812	6.30	4.51	5
25.80	4.79	.685	5.48	3.92	5
26.00	4.11	.521	4.84	3.50	5
26.20	3.76	.467	4.37	3.27	5
26.40	3.51	.450	3.96	2.99	5
26.60	3.02	.313	3.38	2.58	5
26.80	1.92	.267	2.26	1.57	5
27.00	.87	.164	1.04	.69	5
27.10	.63	.133	.76	.45	5
27.20	.46	.115	.61	.31	5
27.30	.36	.085	.48	.25	5
27.40	.38	.062	.44	.31	5
27.50	.56	.102	.71	.49	4
27.60	.99	.186	1.16	.79	3

SOUND

MEAN	S.D.	MAX	MIN	N
1506	n/a	n/a	n/a	1
1505	2.1	1506	1503	2
1505	2.4	1506	1501	4
1504	2.2	1507	1500	11
1502	1.7	1505	1499	20
1500	1.9	1503	1496	25
1497	1.9	1501	1493	29
1495	2.2	1499	1490	29
1492	2.2	1495	1487	29
1489	2.0	1492	1483	29
1486	2.3	1489	1479	29
1484	1.9	1487	1480	29
1482	3.0	1488	1478	29
1481	3.7	1488	1477	29
1481	3.6	1488	1476	29
1481	3.1	1488	1477	29
1481	2.5	1486	1477	29
1481	1.5	1484	1478	29
1480	1.1	1482	1478	29
1478	1.1	1480	1476	29
1477	.9	1479	1475	28
1477	.8	1479	1476	27
1478	.8	1480	1477	27
1479	.8	1481	1478	26
1481	.7	1482	1479	25
1483	.7	1484	1481	23
1486	1.2	1487	1483	9

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	17.51	n/a	n/a	n/a	1
23.20	16.88	n/a	n/a	n/a	1
23.40	15.77	.502	16.12	15.41	2
23.60	15.33	.564	15.94	14.58	4
23.80	14.66	.417	15.22	13.78	14
24.00	13.81	.376	14.27	13.06	17
24.20	13.08	.494	14.37	12.35	20
24.40	12.28	.528	13.53	11.52	20
24.60	11.43	.536	12.66	10.69	20
24.80	10.63	.511	11.73	9.77	21
25.00	9.78	.468	10.65	8.93	21
25.20	8.89	.463	10.22	8.22	21
25.40	8.10	.457	9.40	7.41	21
25.60	7.56	.551	8.65	6.59	21
25.80	7.36	.426	7.99	6.63	21
26.00	7.28	.300	7.73	6.77	21
26.20	7.24	.271	7.69	6.72	21
26.40	7.17	.328	7.78	6.64	21
26.60	6.74	.195	7.04	6.33	21
26.80	5.65	.239	5.92	5.17	21
27.00	4.74	.192	5.08	4.36	21
27.10	4.42	.160	4.66	4.16	21
27.20	4.11	.112	4.26	3.88	21
27.30	3.75	.098	3.93	3.53	21
27.40	3.32	.095	3.53	3.13	21
27.50	2.83	.086	3.01	2.66	19
27.60	2.29	.042	2.33	2.22	8

SALINITY

MEAN	S.D.	MAX	MIN	N
31.877	n/a	n/a	n/a	1
31.932	n/a	n/a	n/a	1
31.861	.1668	31.979	31.743	2
32.012	.1712	32.216	31.797	4
32.070	.1071	32.211	31.849	14
32.119	.1016	32.269	31.895	17
32.197	.1260	32.496	31.989	20
32.255	.1281	32.547	32.068	20
32.315	.1213	32.578	32.108	20
32.383	.1050	32.603	32.185	21
32.444	.0982	32.649	32.248	21
32.506	.0900	32.772	32.368	21
32.609	.0936	32.903	32.476	21
32.766	.1062	33.021	32.589	21
32.982	.0793	33.127	32.852	21
33.223	.0543	33.304	33.130	21
33.467	.0495	33.550	33.375	21
33.709	.0574	33.820	33.619	21
33.888	.0330	33.940	33.819	21
33.966	.0362	34.010	33.896	21
34.084	.0274	34.135	34.031	21
34.165	.0222	34.200	34.130	21
34.249	.0143	34.269	34.220	21
34.329	.0125	34.352	34.302	21
34.403	.0106	34.427	34.379	21
34.472	.0092	34.490	34.451	19
34.542	.0065	34.546	34.535	8

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	6	n/a	n/a	n/a	1
23.20	17	n/a	n/a	n/a	1
23.40	19	4.2	22	16	2
23.60	18	10.6	36	2	4
23.80	19	7.8	30	5	14
24.00	24	7.2	33	8	17
24.20	27	7.2	36	8	20
24.40	31	6.1	40	11	20
24.60	34	6.4	44	20	20
24.80	38	6.7	51	24	21
25.00	43	7.9	59	28	21
25.20	51	10.0	78	30	21
25.40	65	13.0	100	38	21
25.60	82	13.5	115	50	21
25.80	95	14.4	127	62	21
26.00	108	15.7	140	69	21
26.20	123	15.1	151	78	21
26.40	144	13.6	168	93	21
26.60	192	16.4	230	119	21
26.80	306	20.0	348	163	21
27.00	475	21.0	521	276	21
27.10	578	21.8	621	433	21
27.20	700	23.6	749	533	21
27.30	851	30.2	933	646	21
27.40	1044	36.8	1127	778	21
27.50	1286	48.7	1387	968	19
27.60	1644	31.4	1707	1192	8
				1608	

SVA

MEAN	S.D.	MAX	MIN	N
487.5	n/a	n/a	n/a	1
468.7	n/a	n/a	n/a	1
449.7	.06	449.7	449.6	2
430.5	.26	430.7	430.1	4
411.4	.21	411.8	411.1	14
392.4	.19	392.7	392.1	17
373.3	.21	373.6	372.8	20
354.3	.24	354.6	353.7	20
335.3	.25	335.6	334.7	20
316.3	.21	316.7	315.9	21
297.4	.19	297.8	297.1	21
278.5	.19	279.0	278.2	21
259.6	.22	260.2	259.3	21
240.7	.25	241.4	240.4	21
221.9	.25	222.5	221.5	21
203.1	.24	203.6	202.7	21
184.4	.20	184.7	184.0	21
165.7	.20	166.0	165.3	21
147.4	.25	148.1	147.0	21
129.4	.27	130.0	128.9	21
111.6	.30	112.3	111.0	21
102.8	.31	103.3	102.1	21
94.1	.28	94.6	93.6	21
85.3	.22	85.8	85.0	21
76.4	.18	76.7	76.1	21
67.4	.21	67.7	66.9	19
58.3	.18	58.6	58.1	8

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	17.50	n/a	n/a	n/a	1
23.20	16.88	n/a	n/a	n/a	1
23.40	15.77	.502	16.12	15.41	2
23.60	15.32	.568	15.94	14.57	4
23.80	14.66	.419	15.22	13.77	14
24.00	13.81	.376	14.27	13.06	17
24.20	13.07	.493	14.36	12.34	20
24.40	12.27	.527	13.52	11.52	20
24.60	11.43	.534	12.66	10.69	20
24.80	10.63	.510	11.72	9.77	21
25.00	9.77	.469	10.65	8.92	21
25.20	8.88	.461	10.21	8.21	21
25.40	8.09	.456	9.39	7.41	21
25.60	7.55	.551	8.65	6.58	21
25.80	7.35	.425	7.98	6.62	21
26.00	7.27	.300	7.72	6.76	21
26.20	7.23	.271	7.68	6.71	21
26.40	7.16	.329	7.77	6.62	21
26.60	6.72	.194	7.02	6.31	21
26.80	5.63	.238	5.89	5.15	21
27.00	4.70	.190	5.04	4.33	21
27.10	4.37	.159	4.61	4.12	21
27.20	4.06	.112	4.21	3.83	21
27.30	3.68	.097	3.87	3.47	21
27.40	3.25	.096	3.46	3.05	21
27.50	2.74	.087	2.92	2.56	19
27.60	2.17	.046	2.22	2.10	8

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
484.8	n/a	n/a	n/a	1
466.7	n/a	n/a	n/a	1
447.9	1.56	449.0	446.8	2
427.7	1.80	429.9	425.6	4
409.9	.97	410.9	408.3	14
389.5	2.17	391.8	385.1	17
369.8	3.42	372.8	361.9	20
350.9	4.07	353.7	341.6	20
331.6	3.55	334.6	323.0	20
313.2	2.75	315.6	306.3	21
294.9	1.81	296.6	291.3	21
276.9	.86	277.5	274.8	21
257.9	.86	258.5	255.0	21
238.9	.97	239.5	235.1	21
220.0	.66	220.4	217.8	21
201.0	.45	201.4	200.1	21
182.2	.24	182.4	181.7	21
163.3	.10	163.4	163.1	21
144.4	.04	144.4	144.3	21
125.2	.14	125.3	124.8	21
106.7	.09	106.8	106.0	21
96.7	.07	96.8	96.5	21
87.2	.05	87.2	87.1	21
77.6	.04	77.6	77.5	21
68.0	.09	68.1	67.8	21
58.4	.11	58.6	58.2	19
48.6	.09	48.7	48.4	8

STATION MP06 S E P T E M B E R 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	.280	n/a	n/a	n/a	1
23.20	.800	n/a	n/a	.760	2
23.40	.915	.2192	1.070	.080	4
23.60	.795	.4986	1.230	.070	14
23.80	.831	.3537	1.390	.310	17
24.00	1.018	.3118	1.520	.420	20
24.20	1.104	.3141	1.640	.800	20
24.40	1.248	.2660	1.750	.960	20
24.60	1.365	.2701	1.850	1.110	21
24.80	1.471	.2822	2.050	1.190	21
25.00	1.631	.3132	2.290	1.460	21
25.20	1.860	.3632	2.760	1.740	21
25.40	2.244	.4405	3.360	1.920	21
25.60	2.671	.4584	3.760	2.080	21
25.80	2.975	.4719	4.030	2.260	21
26.00	3.254	.4996	4.310	2.560	21
26.20	3.541	.4861	4.530	3.010	21
26.40	3.918	.4531	4.790	3.760	21
26.60	4.669	.4343	5.330	5.410	21
26.80	6.237	.4469	7.090	5.600	21
27.00	8.291	.4515	9.160	7.600	21
27.10	9.404	.4363	10.170	8.650	21
27.20	10.606	.4354	11.290	9.790	21
27.30	11.971	.4825	12.740	10.980	21
27.40	13.548	.5118	14.320	12.520	21
27.50	15.296	.5618	16.180	14.150	19
27.60	17.641	.5690	18.290	16.760	8

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.01	n/a	n/a	n/a	1
.07	n/a	n/a	n/a	1
.09	.042	.12	.06	2
.09	.067	.16	.00	4
.09	.063	.21	.00	14
.09	.063	.25	.01	17
.13	.070	.29	.02	20
.16	.079	.33	.08	20
.20	.078	.33	.11	20
.24	.091	.39	.11	21
.28	.101	.49	.16	21
.35	.131	.63	.18	21
.46	.189	1.00	.26	21
.70	.292	1.55	.40	21
1.02	.356	1.99	.58	21
1.30	.405	2.32	.69	21
1.59	.476	2.70	.82	21
1.93	.501	3.04	1.09	21
2.44	.512	3.45	1.57	21
3.74	.620	4.82	2.62	21
7.74	1.000	9.65	6.13	21
15.94	1.446	18.86	13.20	21
21.97	1.698	25.25	18.54	21
29.87	2.073	34.18	25.34	21
40.75	2.943	48.71	34.02	21
56.11	3.941	65.43	47.81	21
77.12	5.564	89.48	65.86	19
111.74	5.068	122.32	105.28	8

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	13.063	n/a	n/a	n/a	1
23.20	12.536	n/a	n/a	n/a	1
23.40	12.472	.2843	12.673	12.271	2
23.60	12.405	.6580	13.301	11.768	4
23.80	12.271	.3905	13.192	11.717	14
24.00	12.138	.2886	12.799	11.669	17
24.20	12.052	.2793	12.800	11.623	20
24.40	11.907	.1923	12.185	11.575	20
24.60	11.791	.1734	12.065	11.486	20
24.80	11.657	.1746	11.924	11.382	21
25.00	11.496	.1814	11.740	11.138	21
25.20	11.268	.2222	11.625	10.922	21
25.40	10.885	.2576	11.359	10.400	21
25.60	10.457	.2554	11.066	9.998	21
25.80	10.153	.2630	10.825	9.730	21
26.00	9.875	.2880	10.581	9.454	21
26.20	9.589	.2689	10.293	9.227	21
26.40	9.211	.2135	9.676	8.913	21
26.60	8.459	.1581	8.816	8.237	21
26.80	6.891	.1736	7.175	6.605	21
27.00	4.838	.1643	5.146	4.528	21
27.10	3.724	.1623	4.024	3.438	21
27.20	2.521	.1772	2.902	2.169	21
27.30	1.157	.2390	1.716	.487	21
27.40	-0.418	.2941	.177	-1.091	21
27.50	-2.174	.3751	-1.449	-2.955	19
27.60	-4.459	.2620	-4.150	-5.022	8

ACC. POT.

MEAN	S.D.	MAX	MIN	N
13.338	n/a	n/a	n/a	1
13.315	n/a	n/a	n/a	1
13.345	.0983	13.415	13.276	2
13.154	.3558	13.378	12.630	4
13.064	.3237	13.748	12.591	14
13.086	.3329	13.692	12.549	17
13.049	.3009	13.628	12.505	20
12.995	.2927	13.557	12.459	20
12.933	.2836	13.481	12.410	20
12.850	.2764	13.398	12.358	21
12.774	.2665	13.301	12.304	21
12.686	.2533	13.174	12.244	21
12.579	.2402	13.005	12.156	21
12.440	.2234	12.801	12.047	21
12.272	.2073	12.570	11.907	21
12.080	.1921	12.383	11.720	21
11.864	.1802	12.208	11.510	21
11.616	.1699	11.993	11.274	21
11.313	.1552	11.673	10.987	21
10.872	.1293	11.163	10.570	21
10.184	.0993	10.421	9.962	21
9.719	.0818	9.909	9.537	21
9.159	.0653	9.318	9.008	21
8.478	.0361	8.566	8.397	21
7.637	.0163	7.665	7.610	19
6.578	.0428	6.653	6.489	8
5.232	.0658	5.304	5.094	8

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	1
23.80	6.28	n/a	6.47	6.06	2
24.00	6.26	.290	6.62	6.20	2
24.20	6.41	.297	6.75	6.31	2
24.40	6.53	.311	6.83	6.42	2
24.60	6.63	.290	6.91	6.51	2
24.80	6.71	.283	6.62	6.50	2
25.00	6.56	.085	6.39	6.35	2
25.20	6.37	.028	6.07	5.66	2
25.40	5.97	.148	6.09	5.17	2
25.60	5.43	.368	5.35	4.43	2
25.80	4.89	.651	4.98	4.02	2
26.00	4.50	.679	4.60	3.67	2
26.20	4.13	.658	4.41	3.16	2
26.40	3.78	.884	3.81	2.37	2
26.60	3.09	1.018	2.43	1.90	2
26.80	2.17	.375	.24	.92	2
27.00	.93	.014	.53	.50	2
27.10	.51	.021	.46	.39	2
27.20	.42	.049	.41	.31	2
27.30	.36	.071	.41	.34	2
27.40	.36	.049	.59	.55	2
27.50	.57	.028	1.04	1.02	2
27.60	1.03	.014			

SOUND

MEAN	S.D.	MAX	MIN	N
1511	n/a	n/a	n/a	1
1510	n/a	n/a	n/a	1
1507	2.1	1508	1505	2
1505	2.2	1507	1502	4
1503	1.5	1505	1500	14
1500	1.4	1502	1498	17
1498	1.9	1503	1495	20
1496	2.0	1500	1493	20
1493	1.9	1497	1490	20
1490	2.0	1494	1487	21
1487	1.9	1490	1483	21
1484	1.8	1489	1481	21
1481	1.9	1486	1478	21
1480	2.2	1484	1476	21
1479	1.6	1482	1476	21
1480	1.2	1481	1477	21
1480	1.0	1482	1478	21
1480	1.2	1483	1479	21
1480	.9	1482	1478	21
1477	1.0	1479	1476	21
1476	.9	1478	1475	21
1477	.9	1478	1475	21
1478	.7	1479	1477	21
1479	.4	1480	1478	21
1481	.5	1481	1480	21
1482	.7	1484	1481	19
1486	.5	1487	1486	8

STATION MP06 O C T O B E R 1956 to 1990

TEMPERATURE

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	13.64	.277	13.96	13.47	3
24.20	13.14	.537	14.35	12.46	10
24.40	12.31	.522	13.78	11.79	12
24.60	11.53	.422	12.73	11.09	12
24.80	10.69	.379	11.73	10.37	13
25.00	9.89	.293	10.61	9.49	16
25.20	9.03	.229	9.45	8.67	16
25.40	8.21	.229	8.63	7.82	16
25.60	7.70	.352	8.17	6.70	16
25.80	7.52	.286	7.77	6.86	16
26.00	7.46	.254	7.81	6.88	16
26.20	7.37	.276	7.89	6.89	16
26.40	7.18	.311	7.64	6.51	16
26.60	6.72	.213	6.97	6.19	16
26.80	5.66	.237	6.12	5.30	15
27.00	4.72	.202	5.06	4.40	14
27.10	4.38	.159	4.69	4.17	14
27.20	4.08	.135	4.33	3.85	13
27.30	3.75	.115	4.02	3.58	13
27.40	3.34	.085	3.58	3.23	13
27.50	2.86	.107	3.16	2.71	13
27.60	2.35	.135	2.69	2.21	10

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.058	.0622	32.128	32.010	3
32.195	.1333	32.494	32.003	10
32.259	.1285	32.610	32.105	12
32.332	.1013	32.610	32.229	12
32.396	.0788	32.610	32.315	13
32.471	.0542	32.610	32.394	16
32.543	.0409	32.614	32.471	16
32.626	.0466	32.713	32.549	16
32.794	.0671	32.874	32.608	16
33.009	.0509	33.063	32.901	16
33.256	.0481	33.319	33.148	16
33.493	.0505	33.589	33.404	16
33.710	.0549	33.792	33.594	16
33.885	.0360	33.927	33.796	16
33.967	.0370	34.038	33.913	15
34.082	.0282	34.129	34.035	14
34.161	.0210	34.202	34.132	14
34.246	.0185	34.279	34.215	13
34.329	.0152	34.364	34.308	13
34.405	.0106	34.433	34.392	13
34.476	.0112	34.508	34.460	13
34.547	.0127	34.580	34.534	10

DEPTH

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	14	5.8	21	11	3
24.20	21	13.7	52	4	10
24.40	28	11.8	57	16	12
24.60	32	11.8	62	19	12
24.80	35	11.9	67	22	13
25.00	39	10.9	72	27	16
25.20	45	12.5	86	31	16
25.40	55	16.0	106	42	16
25.60	69	17.3	125	54	16
25.80	81	16.5	134	69	16
26.00	94	14.5	141	82	16
26.20	108	12.8	149	97	16
26.40	129	13.4	173	114	16
26.60	179	17.5	221	156	16
26.80	305	27.2	346	243	15
27.00	481	34.3	531	406	14
27.10	582	36.0	629	507	14
27.20	704	39.8	766	621	13
27.30	847	44.9	918	737	13
27.40	1027	50.5	1090	900	13
27.50	1265	63.7	1345	1100	13
27.60	1579	115.6	1700	1320	10

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
392.2	.15	392.4	392.1	3
373.3	.30	374.0	372.9	10
354.3	.28	354.8	353.9	12
335.2	.27	335.8	334.8	12
316.2	.27	316.9	315.8	13
297.3	.27	298.1	297.0	16
278.4	.23	279.1	278.2	16
259.5	.27	260.3	259.2	16
240.6	.30	241.6	240.4	16
221.8	.26	222.6	221.5	16
203.0	.20	203.6	202.7	16
184.2	.16	184.7	183.9	16
165.5	.18	166.0	165.3	16
147.2	.24	147.7	146.8	16
129.3	.33	130.0	128.9	15
111.6	.45	112.2	110.9	14
102.8	.41	103.3	102.2	14
94.0	.35	94.5	93.4	13
85.3	.32	85.7	84.7	13
76.4	.29	76.7	76.0	13
67.3	.17	67.6	67.1	13
58.1	.24	58.4	57.7	10

THETA

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	13.64	.277	13.96	13.47	3
24.20	13.13	.538	14.35	12.45	10
24.40	12.31	.523	13.78	11.79	12
24.60	11.53	.421	12.73	11.09	12
24.80	10.68	.381	11.73	10.36	13
25.00	9.89	.294	10.61	9.48	16
25.20	9.03	.228	9.45	8.66	16
25.40	8.20	.227	8.63	7.82	16
25.60	7.70	.352	8.15	6.69	16
25.80	7.51	.286	7.76	6.85	16
26.00	7.45	.554	7.80	6.87	16
26.20	7.36	.576	7.88	6.88	16
26.40	7.17	.312	7.63	6.50	16
26.60	6.71	.214	6.95	6.17	16
26.80	5.63	.238	6.10	5.27	15
27.00	4.69	.202	5.03	4.36	14
27.10	4.34	.156	4.65	4.13	14
27.20	4.03	.135	4.28	3.80	13
27.30	3.69	.117	3.97	3.52	13
27.40	3.27	.086	3.51	3.15	13
27.50	2.77	.111	3.08	2.61	13
27.60	2.24	.144	2.60	2.09	10

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
390.6	1.23	391.7	389.3	3
371.0	2.19	372.6	366.0	10
351.2	2.54	353.5	345.7	12
332.0	2.57	334.5	325.3	12
313.1	2.16	314.9	307.1	13
294.6	1.86	296.4	290.6	16
276.2	1.13	277.4	273.7	16
258.1	.57	258.5	256.3	16
238.7	.72	239.5	237.3	16
220.2	.35	220.5	219.5	16
201.0	.42	201.4	200.3	16
182.1	.24	182.4	181.7	16
163.3	.14	163.4	162.9	16
144.4	.04	144.4	144.3	16
125.2	.12	125.3	124.9	15
106.1	.11	106.3	106.0	14
96.7	.08	96.8	96.5	14
87.1	.07	87.2	87.0	13
77.6	.04	77.7	77.5	13
68.0	.11	68.1	67.8	13
58.4	.12	58.6	58.2	13
48.7	.17	49.0	48.5	10

STATION MP06 O C T O B E R 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	.567	.2194	.820	.440	3
24.20	.814	.5309	2.020	.140	10
24.40	1.070	.4475	2.200	.620	12
24.60	1.190	.4474	2.360	.720	12
24.80	1.299	.4385	2.520	.840	13
25.00	1.367	.4133	2.690	.980	16
25.20	1.552	.4608	3.100	1.080	16
25.40	1.823	.5539	3.620	1.380	16
25.60	2.171	.5907	4.100	1.680	16
25.80	2.453	.5766	4.310	2.030	16
26.00	2.731	.5377	4.470	2.330	16
26.20	3.006	.5018	4.620	2.580	16
26.40	3.373	.5033	5.030	2.910	16
26.60	4.153	.5156	5.790	3.540	16
26.80	5.886	.5702	7.480	5.250	15
27.00	8.042	.6269	9.490	7.220	14
27.10	9.139	.6242	10.480	8.310	14
27.20	10.378	.6546	11.790	9.430	13
27.30	11.673	.6994	13.120	10.480	13
27.40	13.138	.7520	14.670	11.800	13
27.50	14.872	.8412	16.680	13.250	13
27.60	16.822	1.1692	18.910	14.640	10

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.05	.038	.09	.02	3
.12	.159	.54	.00	10
.18	.165	.64	.05	12
.22	.183	.74	.07	12
.55	.194	.84	.09	13
.59	.199	.97	.13	16
.59	.223	1.30	.16	16
.52	.378	1.81	.28	16
.75	.473	2.38	.42	16
.96	.499	2.66	.65	16
1.21	.491	2.88	.86	16
1.49	.478	3.11	1.13	16
1.94	.535	3.79	1.49	16
3.18	.695	5.32	2.39	16
7.50	1.296	10.19	5.15	15
16.12	2.266	19.54	11.68	14
22.11	2.733	25.85	16.78	14
30.16	3.461	35.67	23.28	13
40.51	4.363	47.62	30.62	13
54.64	5.534	62.23	41.65	13
75.11	7.521	85.05	56.55	13
104.07	13.968	119.98	73.82	10

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	12.381	.3412	12.677	12.008	3
24.20	12.197	.2848	12.577	11.820	9
24.40	11.870	.3811	12.483	10.978	11
24.60	11.748	.3704	12.395	10.914	11
24.80	11.641	.3603	12.272	10.854	11
25.00	11.475	.3429	12.100	10.761	13
25.20	11.279	.3509	11.827	10.638	13
25.40	10.987	.4297	11.505	10.264	13
25.60	10.625	.4361	11.169	9.827	13
25.80	10.333	.4201	10.858	9.473	13
26.00	10.062	.3735	10.567	9.275	13
26.20	9.799	.3210	10.443	9.007	13
26.40	9.411	.2944	9.772	8.713	13
26.60	8.628	.1822	8.828	8.257	13
26.80	6.880	.1785	7.224	6.569	13
27.00	4.757	.2408	5.255	4.429	13
27.10	3.660	.2626	4.166	3.342	13
27.20	2.472	.2957	3.043	1.998	13
27.30	1.174	.3414	1.991	.617	13
27.40	-0.290	.3922	.678	-0.798	13
27.50	-2.023	.4863	-0.771	-2.632	13
27.60	-3.992	.8180	-2.160	-4.863	10

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.939	1463	13.103	12.821	3
12.973	4192	13.997	12.474	9
12.872	.3814	13.892	12.422	11
12.814	.3682	13.778	12.342	11
12.750	.3550	13.656	12.260	11
12.620	.3451	13.525	12.173	13
12.542	.3328	13.379	12.079	13
12.447	.3176	13.198	11.973	13
12.328	.3027	12.977	11.833	13
12.183	.2906	12.729	11.661	13
12.014	.2823	12.468	11.464	13
11.821	.2756	12.216	11.253	13
11.600	.2691	11.993	11.015	13
11.320	.2567	11.702	10.735	13
10.895	.2552	11.222	10.382	13
10.190	.1732	10.437	9.803	13
9.716	.1406	9.917	9.402	13
9.148	.1061	9.304	8.910	13
8.464	.0692	8.560	8.305	13
7.631	.0249	7.660	7.580	13
6.587	.0407	6.686	6.520	13
5.290	.1120	5.550	5.150	10

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	6.25	n/a	n/a	n/a	1
24.20	6.29	.035	6.31	6.26	2
24.40	6.30	.028	6.32	6.28	2
24.60	6.34	.078	6.39	6.28	2
24.80	6.34	.127	6.43	6.25	2
25.00	6.20	.182	6.46	6.07	4
25.20	6.12	.258	6.48	5.91	4
25.40	6.02	.341	6.49	5.74	4
25.60	5.53	.162	5.70	5.31	4
25.80	4.93	.313	5.34	4.58	4
26.00	4.30	.114	4.41	4.19	4
26.20	3.78	.152	3.97	3.60	4
26.40	3.44	.334	3.77	3.01	4
26.60	3.00	.133	3.13	2.83	4
26.80	1.96	.360	2.31	1.63	4
27.00	.93	.183	1.11	.77	4
27.10	.58	.090	.67	.50	4
27.20	.39	.044	.44	.36	3
27.30	.31	.015	.32	.29	3
27.40	.35	.042	.38	.30	3
27.50	.54	.055	.58	.48	3
27.60	1.01	.069	1.05	.93	3

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1500	1.2	1501	1499	3
1498	1.9	1502	1496	10
1496	2.1	1501	1493	12
1493	1.8	1498	1491	13
1490	1.5	1494	1489	13
1487	1.2	1490	1486	16
1485	1.0	1486	1483	16
1482	1.1	1484	1480	16
1480	1.6	1483	1476	16
1480	1.4	1482	1477	16
1480	1.1	1481	1477	16
1480	1.1	1482	1478	16
1480	1.3	1482	1477	16
1479	.9	1481	1478	16
1477	1.0	1479	1476	15
1477	1.0	1478	1475	14
1477	.9	1478	1476	14
1478	.8	1479	1476	13
1479	.6	1480	1478	13
1480	.7	1481	1479	13
1482	.8	1483	1481	13
1486	1.3	1487	1483	10

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	10.56	.124	10.74	10.38	11
25.00	9.83	.199	10.04	9.34	9
25.20	9.14	.239	9.50	8.56	11
25.40	8.46	.318	9.10	8.00	12
25.60	8.08	.396	8.74	7.32	12
25.80	7.88	.448	8.54	6.95	11
26.00	7.74	.466	8.47	6.76	11
26.20	7.54	.367	8.16	6.81	11
26.40	7.30	.310	7.87	6.91	11
26.60	6.82	.234	7.26	6.51	11
26.80	5.58	.158	5.96	5.38	11
27.00	4.64	.157	4.96	4.42	11
27.10	4.30	.130	4.56	4.15	10
27.20	4.02	.128	4.18	3.83	10
27.30	3.71	.112	3.92	3.55	10
27.40	3.33	.104	3.53	3.18	10
27.50	2.90	.080	3.00	2.79	6
27.60	2.28	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.338	.0283	32.383	32.298	11
32.452	.0519	32.514	32.330	9
32.563	.0590	32.690	32.435	11
32.681	.0747	32.852	32.581	12
32.860	.0788	33.000	32.714	12
33.077	.0848	33.209	32.906	11
33.305	.0858	33.442	33.126	11
33.522	.0676	33.642	33.392	11
33.731	.0563	33.836	33.662	11
33.902	.0410	33.979	33.848	11
33.954	.0244	34.013	33.922	11
34.069	.0219	34.116	34.039	11
34.149	.0176	34.186	34.128	10
34.237	.0168	34.260	34.213	10
34.324	.0149	34.351	34.304	10
34.403	.0133	34.427	34.385	10
34.480	.0084	34.490	34.470	6
34.542	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	43	17.3	61	0	11
25.00	56	5.2	65	48	9
25.20	59	8.4	70	45	11
25.40	68	9.8	81	49	12
25.60	80	7.7	92	68	12
25.80	92	7.5	102	81	11
26.00	103	7.5	113	92	11
26.20	119	7.0	128	106	11
26.40	141	8.8	152	126	11
26.60	194	24.5	238	166	11
26.80	316	34.3	380	280	11
27.00	482	40.9	570	431	11
27.10	566	29.4	637	524	10
27.20	683	28.4	742	632	10
27.30	832	28.4	871	773	10
27.40	1021	42.1	1098	953	10
27.50	1243	26.6	1292	1216	6
27.60	1653	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
316.5	.33	316.9	315.7	11
297.6	.16	297.9	297.4	9
278.6	.18	278.9	278.4	11
259.6	.18	259.9	259.4	12
240.8	.15	241.1	240.6	12
222.0	.15	222.2	221.7	11
203.2	.16	203.4	202.9	11
184.4	.14	184.6	184.2	11
165.8	.21	166.1	165.5	11
147.4	.45	148.3	147.0	11
129.4	.51	130.5	129.0	11
111.5	.56	112.8	111.0	11
102.5	.40	103.6	102.2	10
93.8	.29	94.5	93.5	10
85.1	.28	85.8	84.8	10
76.3	.26	76.9	75.9	10
67.3	.15	67.5	67.1	6
58.3	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	10.55	.124	10.73	10.37	11
25.00	9.82	.199	10.03	9.33	9
25.20	9.13	.239	9.49	8.55	11
25.40	8.46	.317	9.09	7.99	12
25.60	8.07	.396	8.73	7.31	12
25.80	7.87	.446	8.53	6.95	11
26.00	7.73	.466	8.46	6.75	11
26.20	7.53	.367	8.15	6.80	11
26.40	7.28	.311	7.86	6.89	11
26.60	6.80	.233	7.24	6.49	11
26.80	5.55	.154	5.92	5.35	11
27.00	4.60	.154	4.92	4.39	11
27.10	4.25	.127	4.51	4.10	10
27.20	3.96	.126	4.13	3.78	10
27.30	3.65	.113	3.86	3.49	10
27.40	3.26	.105	3.46	3.10	10
27.50	2.81	.080	2.91	2.70	6
27.60	2.16	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
315.1	.57	315.7	314.2	11
295.0	1.82	296.5	292.1	9
276.3	1.87	277.5	272.2	11
257.7	1.32	258.5	254.5	12
238.9	.70	239.5	237.5	12
220.0	.42	220.5	219.4	11
201.1	.29	201.5	200.6	11
182.2	.22	182.4	181.9	11
163.4	.05	163.4	163.3	11
144.4	.04	144.4	144.3	11
125.3	.11	125.4	125.0	11
106.2	.10	106.3	106.0	11
96.7	.09	96.8	96.5	10
87.2	.06	87.2	87.0	10
77.6	.05	77.7	77.6	10
68.0	.11	68.1	67.8	10
58.4	.07	58.5	58.3	6
48.5	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	1.402	.5656	1.990	.000	11
25.00	1.804	.1721	2.110	1.570	9
25.20	1.876	.3011	2.230	1.310	11
25.40	2.073	.3376	2.550	1.410	12
25.60	2.382	.2741	2.830	1.980	12
25.80	2.670	.2776	3.010	2.150	11
26.00	2.914	.2771	3.210	2.380	11
26.20	3.226	.2732	3.530	2.670	11
26.40	3.609	.2908	3.910	3.020	11
26.60	4.435	.4862	5.100	3.700	11
26.80	6.135	.6108	7.100	5.210	11
27.00	8.143	.6777	9.490	7.250	11
27.10	9.016	.5272	10.060	8.260	10
27.20	10.171	.5084	11.120	9.520	10
27.30	11.517	.5153	12.290	10.760	10
27.40	13.048	.6219	13.880	12.250	10
27.50	14.455	.4677	15.260	13.940	6
27.60	17.540	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.36	.181	.62	.00	11
.52	.098	.70	.39	9
.58	.164	.78	.31	11
.72	.202	1.02	.36	12
.95	.190	1.27	.70	12
1.20	.209	1.46	.88	11
1.44	.226	1.73	1.09	11
1.79	.234	2.07	1.38	11
2.31	.280	2.59	1.80	11
3.76	.840	5.19	2.76	11
8.23	1.766	11.46	6.30	11
16.46	2.944	22.91	13.14	11
21.19	2.391	26.98	18.06	10
28.60	2.630	34.43	24.37	10
39.07	2.946	44.17	33.49	10
53.69	4.518	60.81	46.47	10
71.56	3.286	77.38	67.83	6
111.94	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.597	.6479	13.023	10.955	10
25.00	11.335	.2747	11.726	10.878	8
25.20	10.969	.3050	11.667	10.661	9
25.40	10.702	.3087	11.429	10.363	10
25.60	10.407	.2914	11.192	10.185	10
25.80	10.125	.2754	10.860	9.836	10
26.00	9.886	.2705	10.618	9.667	10
26.20	9.580	.2266	10.183	9.324	10
26.40	9.223	.1561	9.591	8.950	10
26.60	8.443	.1606	8.684	8.208	10
26.80	6.773	.2391	7.044	6.223	10
27.00	4.802	.2363	5.086	4.220	10
27.10	3.796	.2288	4.084	3.227	10
27.20	2.641	.2224	3.019	2.175	10
27.30	1.295	.2175	1.753	1.000	10
27.40	-0.237	.3290	.289	-0.834	10
27.50	-1.832	.2025	-1.628	-2.205	6
27.60	-4.489	n/a	n/a	n/a	1

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.945	.2199	13.238	12.456	10
12.802	.2406	13.149	12.364	8
12.655	.2498	13.056	12.266	9
12.497	.2558	12.960	12.162	10
12.358	.2497	12.840	12.034	10
12.194	.2468	12.697	11.877	10
12.008	.2447	12.531	11.697	10
11.798	.2417	12.336	11.491	10
11.557	.2355	12.096	11.252	10
11.262	.2158	11.760	10.964	10
10.818	.1755	11.218	10.544	10
10.116	.1244	10.399	9.914	10
9.651	.0991	9.876	9.490	10
9.100	.0691	9.250	8.979	10
8.440	.0477	8.547	8.368	10
7.627	.0221	7.675	7.590	10
6.624	.0284	6.654	6.582	6
5.257	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	6.22	.007	6.23	6.22	2
25.00	5.96	.276	6.16	5.77	2
25.20	5.74	.330	6.11	5.36	2
25.40	5.41	.601	5.84	4.99	2
25.60	4.99	.481	5.33	4.65	2
25.80	4.54	.460	4.87	4.22	2
26.00	4.10	.481	4.44	3.76	2
26.20	3.61	.665	4.08	3.14	2
26.40	3.11	.955	3.78	2.43	2
26.60	2.80	.714	3.31	2.30	2
26.80	2.09	.127	2.18	2.00	2
27.00	.81	.000	.81	.81	2
27.10	.60	n/a	n/a	n/a	1
27.20	.47	n/a	n/a	n/a	1
27.30	.38	n/a	n/a	n/a	1
27.40	.43	n/a	n/a	n/a	1
27.50	.66	n/a	n/a	n/a	1
27.60	1.11	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1490	.8	1491	1489	11
1487	1.0	1488	1485	9
1485	1.0	1487	1483	11
1483	1.3	1485	1481	12
1482	1.5	1484	1479	12
1482	1.8	1484	1478	11
1481	2.0	1484	1477	11
1481	1.7	1484	1478	11
1481	1.3	1483	1479	11
1480	1.3	1483	1479	11
1477	1.1	1480	1476	11
1476	1.2	1479	1475	11
1476	1.0	1479	1475	10
1477	.8	1479	1476	10
1478	.7	1480	1478	10
1480	.6	1481	1479	10
1482	.0	1482	1482	6
1486	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	10.42	.537	11.00	9.62	5
25.00	9.51	.488	10.36	8.60	15
25.20	8.98	.414	9.81	8.34	16
25.40	8.44	.467	9.24	7.78	16
25.60	7.97	.566	9.00	7.16	16
25.80	7.70	.569	8.94	6.91	16
26.00	7.55	.556	9.00	6.90	16
26.20	7.42	.475	8.55	6.81	16
26.40	7.25	.401	8.11	6.84	16
26.60	6.80	.319	7.31	6.37	16
26.80	5.77	.288	6.17	5.24	16
27.00	4.80	.164	5.02	4.55	16
27.10	4.43	.114	4.61	4.27	16
27.20	4.09	.095	4.20	3.94	16
27.30	3.74	.088	3.87	3.61	16
27.40	3.33	.087	3.51	3.18	16
27.50	2.82	.110	3.03	2.71	13
27.60	2.21	.043	2.29	2.19	5

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	32.304	.1175	32.433	32.130	5
25.00	32.376	.0976	32.546	32.188	15
25.20	32.532	.0859	32.685	32.398	16
25.40	32.684	.1021	32.860	32.552	16
25.60	32.850	.1143	33.044	32.686	16
25.80	33.047	.1086	33.279	32.898	16
26.00	33.273	.1027	33.544	33.153	16
26.20	33.503	.0866	33.708	33.390	16
26.40	33.724	.0728	33.882	33.649	16
26.60	33.898	.0552	33.988	33.825	16
26.80	33.984	.0453	34.051	33.902	16
27.00	34.093	.0236	34.125	34.057	16
27.10	34.167	.0163	34.192	34.145	16
27.20	34.247	.0125	34.261	34.226	16
27.30	34.328	.0121	34.345	34.311	16
27.40	34.403	.0091	34.424	34.387	16
27.50	34.471	.0120	34.493	34.460	13
27.60	34.534	.0051	34.541	34.531	5

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	43	19.3	60	10	5
25.00	44	10.6	64	22	15
25.20	52	8.2	68	36	16
25.40	58	7.3	72	44	16
25.60	67	8.8	83	48	16
25.80	77	10.1	99	62	16
26.00	90	10.5	107	73	16
26.20	105	10.6	122	89	16
26.40	130	17.1	169	111	16
26.60	188	33.5	272	150	16
26.80	324	48.8	436	265	16
27.00	502	53.5	630	441	16
27.10	606	47.7	714	556	16
27.20	726	41.6	816	679	16
27.30	868	40.6	944	804	16
27.40	1049	46.3	1135	973	16
27.50	1281	58.4	1382	1176	13
27.60	1652	12.2	1673	1643	5

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	316.5	.39	316.9	315.9	5
25.00	297.4	.24	297.9	297.0	15
25.20	278.4	.16	278.7	278.1	16
25.40	259.4	.16	259.7	259.2	16
25.60	240.5	.18	240.9	240.2	16
25.80	221.7	.20	222.1	221.4	16
26.00	202.9	.18	203.3	202.7	16
26.20	184.2	.21	184.7	183.9	16
26.40	165.6	.34	166.4	165.2	16
26.60	147.4	.59	148.8	146.7	16
26.80	129.7	.77	131.5	128.9	16
27.00	111.9	.70	113.5	111.1	16
27.10	103.1	.58	104.3	102.4	16
27.20	94.2	.47	95.1	93.6	16
27.30	85.4	.37	86.2	84.9	16
27.40	76.5	.35	77.2	76.0	16
27.50	67.3	.23	67.6	67.0	13
27.60	58.0	.13	58.2	57.9	5

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	10.42	.533	10.99	9.62	5
25.00	9.51	.486	10.35	8.60	15
25.20	8.97	.411	9.80	8.34	16
25.40	8.43	.467	9.23	7.77	16
25.60	7.97	.567	8.99	7.15	16
25.80	7.70	.569	8.93	6.90	16
26.00	7.54	.556	8.99	6.89	16
26.20	7.41	.474	8.53	6.79	16
26.40	7.24	.401	8.10	6.82	16
26.60	6.78	.318	7.29	6.35	16
26.80	5.74	.283	6.14	5.22	16
27.00	4.76	.161	4.98	4.52	16
27.10	4.39	.109	4.55	4.23	16
27.20	4.04	.094	4.14	3.88	16
27.30	3.68	.089	3.81	3.54	16
27.40	3.25	.085	3.43	3.11	16
27.50	2.73	.113	2.94	2.62	13
27.60	2.10	.038	2.17	2.08	5

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	315.5	.14	315.7	315.4	5
25.00	295.9	.84	296.6	293.6	15
25.20	276.2	1.22	277.4	273.8	16
25.40	257.1	1.67	258.5	254.0	16
25.60	238.3	1.47	239.5	234.7	16
25.80	219.9	1.00	220.5	217.1	16
26.00	201.1	.37	201.5	200.2	16
26.20	182.1	.27	182.4	181.4	16
26.40	163.3	.14	163.4	163.0	16
26.60	144.3	.09	144.4	144.1	16
26.80	125.2	.16	125.3	124.9	16
27.00	106.1	.13	106.3	105.9	16
27.10	96.6	.08	96.7	96.5	16
27.20	87.1	.06	87.2	87.0	16
27.30	77.6	.04	77.6	77.5	16
27.40	68.0	.09	68.1	67.8	16
27.50	58.4	.11	58.6	58.3	13
27.60	48.6	.06	48.7	48.6	5

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	1.372	.6254	1.950	.320	5
25.00	1.387	.3544	2.070	.670	15
25.20	1.623	.2683	2.180	1.090	16
25.40	1.772	.2400	2.280	1.360	16
25.60	1.989	.2719	2.500	1.470	16
25.80	2.235	.3010	2.860	1.770	16
26.00	2.498	.3021	3.040	2.090	16
26.20	2.796	.2962	3.300	2.390	16
26.40	3.232	.3785	3.940	2.760	16
26.60	4.140	.6384	5.580	3.360	16
26.80	6.026	.8513	7.890	5.080	16
27.00	8.189	.9206	10.280	7.140	16
27.10	9.319	.8688	11.210	8.390	16
27.20	10.514	.8023	12.230	9.710	16
27.30	11.801	.7827	13.410	10.880	16
27.40	13.281	.8030	14.970	12.260	16
27.50	14.816	.6807	16.030	13.750	13
27.60	17.054	.2839	17.510	16.780	5

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	.35	.214	.60	.02	5
25.00	.33	.156	.68	.07	15
25.20	.44	.136	.75	.20	16
25.40	.53	.134	.82	.30	16
25.60	.67	.176	1.02	.35	16
25.80	.85	.230	1.35	.52	16
26.00	1.08	.255	1.54	.74	16
26.20	1.38	.277	1.86	1.00	16
26.40	1.92	.472	2.93	1.40	16
26.60	3.46	1.237	6.63	2.20	16
26.80	8.48	2.629	14.98	5.75	16
27.00	17.64	4.107	28.05	13.44	16
27.10	24.04	4.335	34.47	19.75	16
27.20	32.20	4.451	42.49	27.87	16
27.30	42.74	4.863	53.12	36.63	16
27.40	57.34	5.857	69.86	49.25	16
27.50	76.78	6.553	86.80	65.56	13
27.60	111.76	2.345	114.74	109.88	5

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.767	.3257	12.216	11.459	5
25.00	11.435	.3264	12.170	10.903	15
25.20	11.194	.3341	12.030	10.817	16
25.40	11.044	.3434	11.901	10.631	16
25.60	10.827	.3665	11.781	10.422	16
25.80	10.579	.4021	11.630	10.181	16
26.00	10.317	.4032	11.315	9.890	16
26.20	10.020	.3659	10.901	9.593	16
26.40	9.583	.2932	10.216	9.239	16
26.60	8.674	.2586	9.134	8.159	16
26.80	6.790	.3833	7.341	5.921	16
27.00	4.627	.4470	5.150	3.524	16
27.10	3.497	.3904	3.930	2.594	16
27.20	2.301	.3284	2.642	1.574	16
27.30	1.014	.3226	1.511	.399	16
27.40	-0.466	.3729	.134	-1.166	16
27.50	-2.136	.4475	-1.333	-2.898	13
27.60	-4.481	.0923	-4.401	-4.620	5

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	13.122	.4729	13.542	12.321	5
25.00	12.760	.4767	13.734	12.237	15
25.20	12.664	.4486	13.629	12.186	16
25.40	12.558	.4388	13.515	12.094	16
25.60	12.442	.4289	13.394	11.979	16
25.80	12.306	.4208	13.263	11.849	16
26.00	12.149	.4150	13.113	11.697	16
26.20	11.966	.4079	12.932	11.531	16
26.40	11.749	.3966	12.693	11.343	16
26.60	11.470	.3648	12.305	11.107	16
26.80	11.022	.2939	11.697	10.739	16
27.00	10.291	.2006	10.732	10.094	16
27.10	9.797	.1495	10.110	9.640	16
27.20	9.205	.1027	9.403	9.073	16
27.30	8.497	.0606	8.614	8.418	16
27.40	7.638	.0246	7.686	7.599	16
27.50	6.571	.0437	6.638	6.506	13
27.60	5.212	.0320	5.243	5.158	5

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.00	n/a	n/a	n/a	n/a	0
23.20	n/a	n/a	n/a	n/a	0
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	1489	2.7	1492	1485	5
25.00	1486	2.0	1489	1482	15
25.20	1484	1.8	1488	1481	16
25.40	1483	1.9	1486	1480	16
25.60	1481	2.3	1485	1478	16
25.80	1480	2.3	1486	1477	16
26.00	1481	2.2	1486	1478	16
26.20	1480	1.9	1485	1478	16
26.40	1480	1.9	1485	1479	16
26.60	1480	1.7	1483	1478	16
26.80	1478	1.9	1482	1476	16
27.00	1477	1.3	1480	1476	16
27.10	1478	1.2	1480	1476	16
27.20	1478	1.0	1480	1477	16
27.30	1479	.8	1481	1478	16
27.40	1481	.8	1482	1480	16
27.50	1482	.8	1484	1481	13
27.60	1486	.0	1486	1486	5

Table 20. As in Table 12, for Station 5 (P08).

Table 20: STATION MP08 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.20	3.019	17.30	2.93	209
10	11.16	2.915	17.21	6.00	208
20	10.90	2.721	16.93	6.01	208
30	10.28	2.263	15.89	6.00	208
50	8.75	1.122	12.41	5.99	208
75	7.83	.691	10.22	6.16	208
100	7.47	.555	10.21	6.18	208
125	7.28	.492	10.29	6.46	208
150	7.11	.448	9.90	6.41	208
175	6.88	.424	9.36	6.20	207
200	6.63	.421	8.87	5.90	207
225	6.37	.409	8.50	5.53	207
250	6.11	.411	8.13	5.24	206
300	5.67	.399	7.49	4.84	204
400	5.03	.352	6.51	4.31	198
500	4.59	.256	5.83	4.08	185
600	4.28	.169	5.09	3.83	184
700	4.03	.120	4.46	3.63	184
800	3.80	.102	4.17	3.47	183
900	3.58	.086	3.87	3.33	182
1000	3.37	.081	3.62	3.16	182
1200	2.97	.069	3.20	2.76	171
1500	2.45	.047	2.59	2.33	111
2000	1.94	.030	1.99	1.86	45
2500	1.75	.027	1.78	1.69	8

SALINITY

MEAN	S.D.	MAX	MIN	N
32.287	.2717	34.428	31.224	209
32.280	.2152	32.679	31.212	208
32.314	.1839	32.684	31.731	208
32.363	.1592	32.696	31.785	208
32.487	.1162	33.020	32.059	208
32.702	.2370	33.590	32.376	208
33.080	.3041	33.804	32.451	208
33.473	.2176	33.941	32.848	208
33.717	.1238	34.010	33.297	208
33.832	.0707	34.031	33.551	207
33.885	.0478	34.049	33.707	207
33.910	.0399	34.050	33.798	207
33.926	.0383	34.060	33.819	206
33.951	.0378	34.089	33.862	204
34.016	.0352	34.115	33.924	198
34.092	.0344	34.209	34.006	185
34.170	.0328	34.273	34.075	184
34.238	.0316	34.323	34.129	184
34.297	.0289	34.370	34.189	183
34.348	.0261	34.420	34.254	182
34.390	.0227	34.465	34.333	182
34.451	.0226	34.538	34.381	171
34.518	.0169	34.557	34.467	111
34.594	.0110	34.615	34.566	45
34.636	.0056	34.650	34.629	8

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.609	.6950	27.457	22.940	209
10	24.614	.6470	25.559	23.166	208
20	24.691	.5857	25.559	23.370	208
30	24.847	.4694	25.564	23.599	208
50	25.208	.2195	25.797	24.255	208
75	25.516	.2315	26.286	25.056	208
100	25.864	.2650	26.467	25.064	208
125	26.199	.1985	26.566	25.258	208
150	26.415	.1252	26.628	25.662	208
175	26.536	.0897	26.680	25.948	207
200	26.612	.0722	26.745	26.148	207
225	26.666	.0606	26.789	26.309	207
250	26.712	.0538	26.825	26.401	206
300	26.787	.0469	26.894	26.543	204
400	26.914	.0427	27.002	26.731	198
500	27.025	.0387	27.110	26.856	185
600	27.120	.0320	27.206	26.985	184
700	27.200	.0284	27.271	27.093	184
800	27.270	.0260	27.334	27.171	183
900	27.332	.0229	27.382	27.246	182
1000	27.386	.0199	27.449	27.319	182
1200	27.472	.0194	27.544	27.417	171
1500	27.571	.0145	27.604	27.527	111
2000	27.674	.0098	27.697	27.651	45
2500	27.722	.0055	27.732	27.713	8

SVA

MEAN	S.D.	MAX	MIN	N
333.9	66.20	493.1	63.3	209
333.6	61.69	471.7	243.6	208
326.5	55.88	452.6	243.8	208
311.9	44.81	431.0	243.4	208
277.7	20.98	368.7	221.6	208
248.7	12.05	292.7	175.6	208
215.9	25.20	292.5	158.7	208
184.5	18.88	274.5	149.7	208
164.4	11.94	236.6	144.1	208
153.2	8.61	209.8	139.4	207
146.3	6.98	191.2	133.5	207
141.4	5.90	176.5	129.7	207
137.3	5.27	167.7	126.3	206
130.5	4.65	154.8	120.1	204
119.1	4.25	137.7	110.5	198
109.3	3.86	126.6	100.7	185
100.9	3.14	114.7	92.8	184
93.9	2.76	104.3	87.0	184
87.7	2.52	97.2	81.5	183
82.2	2.23	90.6	77.5	182
77.5	1.95	84.5	71.6	182
69.7	1.85	75.2	63.0	171
60.5	1.40	64.8	57.2	111
51.1	.97	53.2	48.6	45
47.5	.58	48.4	46.6	8

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.20	3.019	17.30	2.93	209
10	11.16	2.915	17.21	6.00	208
20	10.90	2.721	16.93	6.01	208
30	10.28	2.263	15.89	6.00	208
50	8.75	1.119	12.40	5.99	208
75	7.82	.691	10.21	6.15	208
100	7.46	.554	10.20	6.17	208
125	7.27	.491	10.27	6.45	208
150	7.09	.447	9.88	6.39	208
175	6.87	.424	9.34	6.19	207
200	6.61	.420	8.85	5.88	207
225	6.35	.409	8.48	5.51	207
250	6.09	.410	8.11	5.22	206
300	5.64	.397	7.46	4.82	204
400	5.00	.331	6.48	4.29	198
500	4.55	.255	5.79	4.04	185
600	4.23	.168	5.04	3.79	184
700	3.98	.120	4.40	3.58	184
800	3.74	.102	4.11	3.41	183
900	3.51	.085	3.81	3.26	182
1000	3.30	.081	3.55	3.09	162
1200	2.88	.067	3.11	2.68	171
1500	2.35	.046	2.49	2.23	111
2000	1.80	.030	1.85	1.72	45
2500	1.57	.028	1.60	1.51	8

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
333.9	66.20	493.1	63.3	209
333.4	61.63	471.5	243.5	208
326.0	55.78	452.0	243.5	208
311.2	44.69	430.1	243.0	208
276.8	20.88	367.5	220.8	208
247.5	22.01	291.2	174.3	208
214.3	25.18	290.4	157.1	208
182.5	18.85	271.9	147.7	208
162.0	11.88	233.4	141.8	208
150.5	8.50	206.2	136.9	207
143.3	6.93	187.2	130.6	207
138.1	5.73	171.9	126.4	207
133.8	5.08	163.1	123.1	206
126.6	4.44	149.6	116.4	204
114.5	4.02	131.7	106.1	198
103.9	3.65	119.8	95.9	185
94.9	3.02	107.6	86.7	184
87.2	2.69	97.3	80.5	184
80.5	2.45	89.9	74.5	183
74.6	2.17	82.7	69.9	182
69.4	1.88	75.8	63.5	182
61.2	1.81	66.4	54.4	171
51.7	1.36	56.0	48.7	111
41.9	.91	44.0	39.7	45
37.0	.51	37.8	36.1	8

STATION MP08 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	209
10	.335	.0634	.490	.240	208
20	.667	.1218	.920	.490	208
30	.987	.1711	1.350	.730	208
50	1.578	.2214	2.110	1.220	208
75	2.238	.2442	2.920	1.820	208
100	2.817	.2738	3.610	2.260	208
125	3.317	.3091	4.230	2.660	208
150	3.751	.3347	4.750	3.030	208
175	4.146	.3522	5.180	3.380	207
200	4.519	.3636	5.580	3.730	207
225	4.879	.3734	5.960	4.070	207
250	5.227	.3823	6.320	4.400	206
300	5.898	.3968	7.010	5.040	204
400	7.141	.4162	8.460	6.230	198
500	8.279	.4439	9.780	7.350	185
600	9.329	.4656	10.980	8.360	184
700	10.302	.4838	12.070	9.290	184
800	11.208	.5014	13.060	10.170	183
900	12.055	.5176	13.980	10.980	182
1000	12.853	.5313	14.830	11.750	182
1200	14.327	.5631	16.410	13.170	171
1500	16.185	.5239	17.450	15.050	111
2000	18.945	.5941	19.960	17.790	45
2500	21.605	.2745	22.000	21.190	8

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	209
.02	.005	.03	.01	208
.07	.013	.09	.05	208
.15	.025	.21	.11	208
.39	.046	.53	.31	208
.81	.066	1.05	.67	208
1.33	.106	1.66	1.05	208
1.90	.161	2.37	1.50	208
2.50	.208	3.21	2.02	208
3.16	.243	4.12	2.61	207
3.87	.273	5.08	3.28	207
4.65	.301	6.07	4.01	207
5.49	.327	7.10	4.80	206
7.37	.383	9.36	6.58	204
11.81	.510	14.51	10.75	198
17.04	.683	20.58	15.66	185
22.92	.854	27.31	21.27	184
29.37	1.020	34.49	27.44	184
36.30	1.204	42.04	34.01	183
43.66	1.389	50.00	40.95	182
51.38	1.568	58.33	48.33	182
67.85	1.967	76.03	64.23	171
94.31	2.103	99.49	90.19	111
143.58	2.603	149.26	139.04	45
200.10	1.852	201.84	196.66	8

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.37	.430	6.99	5.38	18
10	6.37	.539	7.02	4.77	18
20	6.35	.660	7.02	4.01	18
30	6.43	.620	7.01	4.24	18
50	6.34	.813	7.05	3.47	18
75	6.00	.917	6.95	3.44	18
100	4.98	.871	6.56	3.32	18
125	4.18	.687	5.58	2.72	18
150	3.73	.640	4.76	2.37	18
175	3.53	.629	4.42	2.35	18
200	3.33	.672	4.25	2.28	18
225	2.98	.591	3.87	1.98	18
250	2.64	.557	3.53	1.69	18
300	2.15	.459	2.95	1.29	17
400	1.41	.373	2.15	.82	17
500	.90	.295	1.57	.49	17
600	.59	.203	1.10	.30	17
700	.47	.125	.72	.28	17
800	.39	.101	.63	.25	17
900	.40	.091	.57	.28	17
1000	.41	.106	.68	.30	16
1200	.52	.137	.87	.40	16
1500	.81	.115	1.11	.69	14
2000	1.47	.066	1.55	1.33	12
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1491	10.4	1511	1462	209
1491	10.1	1511	1472	208
1490	9.5	1510	1472	208
1488	8.0	1508	1472	208
1483	4.2	1496	1472	208
1481	2.6	1489	1474	208
1480	2.1	1490	1475	208
1480	1.9	1491	1477	208
1480	1.7	1490	1477	208
1480	1.6	1489	1477	207
1479	1.7	1488	1476	207
1479	1.7	1487	1475	207
1478	1.7	1486	1475	206
1477	1.6	1484	1474	204
1476	1.4	1482	1473	198
1476	1.1	1481	1474	185
1477	.8	1480	1475	184
1477	.6	1479	1476	184
1478	.5	1480	1477	183
1479	.4	1480	1478	182
1480	.4	1481	1479	182
1481	.5	1482	1480	171
1484	.5	1485	1484	111
1491	.5	1491	1490	45
1498	.0	1498	1498	8

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.783	1.0880	14.834	.000	183
10	12.520	.4976	14.545	11.495	182
20	12.191	.4703	14.255	11.235	182
30	11.872	.4502	13.965	10.975	182
50	11.286	.4267	13.384	10.451	182
75	10.625	.3999	12.658	9.868	182
100	10.045	.3611	11.930	9.396	182
125	9.546	.3229	11.211	8.940	182
150	9.112	.2957	10.567	8.538	182
175	8.717	.2759	10.014	8.174	182
200	8.343	.2598	9.514	7.824	182
225	7.984	.2459	9.062	7.487	182
250	7.636	.2337	8.635	7.159	182
300	6.967	.2110	7.843	6.533	182
400	5.720	.1688	6.401	5.379	182
500	4.578	.1303	5.085	4.293	182
600	3.528	.0971	3.881	3.299	182
700	2.555	.0699	2.822	2.401	182
800	1.647	.0439	1.812	1.557	182
900	.798	.0207	.875	.749	182
1000	.000	.0000	.000	.000	182
1200	-1.469	.0382	-1.343	-1.588	171
1500	-3.414	.0761	-3.257	-3.590	111
2000	-6.196	.1049	-6.030	-6.463	45
2500	-8.639	.0723	-8.513	-8.709	8

Table 21. As in Table 13, for Station 5 (P08).

Table 21 : STATION MP08 J A N U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.95	1.491	10.02	2.93	18
10	8.29	.810	10.02	6.87	17
20	8.29	.811	10.03	6.88	17
30	8.29	.808	10.03	6.89	17
50	8.27	.798	10.03	6.94	17
75	7.88	.557	8.85	6.95	17
100	7.34	.309	7.81	6.86	17
125	7.08	.327	7.84	6.69	17
150	6.92	.329	7.82	6.55	17
175	6.75	.342	7.72	6.30	17
200	6.51	.367	7.56	6.04	17
225	6.28	.398	7.44	5.76	17
250	6.03	.419	7.25	5.53	17
300	5.65	.442	6.85	5.06	17
400	5.07	.424	6.11	4.40	17
500	4.68	.303	5.28	4.08	16
600	4.34	.213	4.74	3.83	16
700	4.08	.181	4.46	3.63	16
800	3.85	.149	4.17	3.47	16
900	3.62	.111	3.87	3.33	16
1000	3.39	.093	3.62	3.17	16
1200	2.98	.076	3.20	2.88	15
1500	2.46	.037	2.54	2.43	8
2000	1.95	.017	1.97	1.93	4
2500	1.75	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.540	.4762	34.428	32.300	18
32.425	.0697	32.547	32.300	17
32.426	.0726	32.548	32.291	17
32.427	.0725	32.549	32.286	17
32.448	.1042	32.679	32.274	17
32.768	.3575	33.507	32.376	17
33.218	.3578	33.804	32.613	17
33.514	.2896	33.888	32.997	17
33.711	.1792	33.909	33.340	17
33.840	.0848	33.927	33.650	17
33.893	.0403	33.952	33.821	17
33.915	.0364	33.963	33.846	17
33.927	.0394	33.983	33.856	17
33.951	.0416	34.023	33.870	17
34.013	.0412	34.115	33.950	17
34.088	.0312	34.143	34.036	16
34.161	.0299	34.198	34.095	16
34.228	.0250	34.269	34.181	16
34.289	.0276	34.326	34.229	16
34.342	.0276	34.384	34.291	16
34.384	.0236	34.417	34.341	16
34.443	.0294	34.490	34.381	15
34.518	.0059	34.527	34.511	8
34.595	.0042	34.603	34.591	4
34.635	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.365	.5439	27.457	24.867	18
10	25.232	.1533	25.463	24.866	17
20	25.233	.1563	25.470	24.858	17
30	25.233	.1562	25.464	24.854	17
50	25.253	.1736	25.474	24.845	17
75	25.563	.3343	26.192	25.166	17
100	25.993	.2839	26.467	25.498	17
125	26.260	.2135	26.566	25.895	17
150	26.437	.1304	26.628	26.162	17
175	26.560	.0748	26.680	26.417	17
200	26.634	.0543	26.726	26.503	17
225	26.682	.0525	26.760	26.541	17
250	26.723	.0501	26.787	26.585	17
300	26.789	.0531	26.860	26.641	17
400	26.907	.0528	26.969	26.761	17
500	27.011	.0410	27.065	26.915	16
600	27.106	.0334	27.145	27.036	16
700	27.187	.0259	27.223	27.134	16
800	27.259	.0244	27.290	27.207	16
900	27.324	.0229	27.357	27.280	16
1000	27.380	.0192	27.407	27.342	16
1200	27.465	.0220	27.495	27.417	15
1500	27.570	.0050	27.577	27.567	8
2000	27.674	.0037	27.680	27.670	4
2500	27.720	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
261.9	51.66	309.4	63.3	18
274.7	14.61	309.6	252.7	17
274.8	14.88	310.5	252.2	17
274.9	14.91	311.1	253.0	17
273.4	16.59	312.3	252.2	17
244.3	31.80	282.1	184.5	17
203.7	26.93	250.7	158.7	17
178.7	20.20	213.2	149.7	17
162.3	12.33	188.2	144.1	17
150.9	7.14	164.4	139.4	17
144.2	5.28	157.0	135.3	17
139.9	5.12	153.7	132.2	17
136.2	4.93	149.9	130.0	17
130.3	5.26	145.1	123.4	17
119.9	5.29	134.5	114.1	17
110.6	4.13	120.4	105.5	16
102.3	3.33	109.4	98.5	16
95.2	2.66	100.8	91.6	16
88.9	2.42	93.8	85.8	16
83.1	2.23	87.2	79.9	16
78.1	1.89	81.8	75.6	16
70.4	1.99	74.8	67.9	15
60.7	.38	61.0	59.9	8
51.1	.40	51.5	50.6	4
47.6	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D	MAX	MIN	N
0	7.95	1.491	10.02	2.93	18
10	8.29	.810	10.02	6.87	17
20	8.29	.811	10.03	6.88	17
30	8.29	.807	10.03	6.89	17
50	8.27	.795	10.02	6.94	17
75	7.87	.557	8.84	6.94	17
100	7.33	.309	7.80	6.85	17
125	7.07	.325	7.82	6.68	17
150	6.91	.326	7.80	6.54	17
175	6.74	.340	7.70	6.29	17
200	6.50	.366	7.54	6.02	17
225	6.26	.398	7.42	5.74	17
250	6.01	.420	7.25	5.51	17
300	5.63	.441	6.82	5.04	17
400	5.04	.421	6.07	4.37	17
500	4.64	.303	5.24	4.04	16
600	4.30	.210	4.69	3.79	16
700	4.02	.179	4.40	3.58	16
800	3.79	.148	4.11	3.41	16
900	3.55	.112	3.81	3.26	16
1000	3.32	.093	3.55	3.10	16
1200	2.89	.073	3.11	2.80	15
1500	2.36	.035	2.43	2.32	8
2000	1.81	.016	1.83	1.79	4
2500	1.57	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
261.9	51.66	309.4	63.3	18
274.5	14.60	309.4	252.6	17
274.5	14.86	310.1	251.9	17
274.4	14.87	310.5	252.5	17
272.5	16.52	311.3	251.5	17
243.0	31.77	280.8	183.3	17
202.1	26.98	249.2	157.1	17
176.7	20.27	211.4	147.7	17
159.9	12.38	186.0	141.8	17
148.2	7.08	161.7	136.9	17
141.2	5.16	153.6	132.4	17
136.6	4.97	149.9	129.2	17
132.7	4.73	145.7	126.6	17
126.4	5.02	140.4	119.7	17
115.2	4.97	128.9	109.2	17
105.2	3.84	114.2	100.1	16
96.2	3.14	102.7	92.5	16
88.4	2.45	93.4	85.1	16
81.6	2.30	86.5	78.6	16
75.4	2.17	79.5	72.2	16
70.0	1.84	73.6	67.4	16
61.9	2.07	66.4	59.0	15
51.8	.36	52.1	51.2	8
41.9	.39	42.2	41.3	4
37.2	n/a	n/a	n/a	1

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	18
10	.274	.0154	.310	.250	17
20	.551	.0289	.620	.510	17
30	.824	.0454	.930	.760	17
50	1.378	.0751	1.550	1.260	17
75	2.035	.1239	2.310	1.840	17
100	2.596	.1772	2.920	2.290	17
125	3.069	.2245	3.460	2.680	17
150	3.494	.2609	3.950	3.040	17
175	3.885	.2774	4.380	3.400	17
200	4.253	.2860	4.770	3.740	17
225	4.606	.2907	5.140	4.080	17
250	4.952	.2945	5.500	4.400	17
300	5.618	.3026	6.200	5.040	17
400	6.866	.3163	7.500	6.230	17
500	8.048	.3182	8.690	7.350	16
600	9.111	.3338	9.800	8.380	16
700	10.098	.3502	10.840	9.350	16
800	11.017	.3636	11.800	10.260	16
900	11.877	.3768	12.700	11.120	16
1000	12.681	.3911	13.550	11.920	16
1200	14.175	.4228	15.100	13.410	15
1500	16.019	.3269	16.510	15.460	8
2000	18.707	.3598	19.080	18.230	4
2500	21.560	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	18
.01	.004	.02	.01	17
.06	.005	.06	.05	17
.13	.008	.14	.12	17
.35	.020	.40	.32	17
.77	.055	.87	.68	17
1.27	.111	1.42	1.06	17
1.81	.169	2.04	1.50	17
2.41	.221	2.72	2.02	17
3.05	.252	3.44	2.63	17
3.76	.268	4.18	3.29	17
4.53	.281	4.99	4.01	17
5.36	.295	5.86	4.80	17
7.22	.328	7.81	6.58	17
11.68	.436	12.46	10.84	17
17.00	.580	18.28	15.94	16
22.96	.754	24.70	21.73	16
29.49	.921	31.63	28.16	16
36.52	1.086	39.02	35.12	16
43.97	1.261	46.80	42.30	16
51.75	1.433	54.98	49.80	16
68.47	1.724	72.05	65.97	15
94.60	1.441	96.08	92.31	8
143.80	1.711	145.43	141.72	4
201.72	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.54	n/a	n/a	n/a	1
10	6.56	n/a	n/a	n/a	1
20	6.52	n/a	n/a	n/a	1
30	6.51	n/a	n/a	n/a	1
50	6.60	n/a	n/a	n/a	1
75	6.05	n/a	n/a	n/a	1
100	4.52	n/a	n/a	n/a	1
125	4.06	n/a	n/a	n/a	1
150	3.39	n/a	n/a	n/a	1
175	2.80	n/a	n/a	n/a	1
200	2.38	n/a	n/a	n/a	1
225	2.14	n/a	n/a	n/a	1
250	1.92	n/a	n/a	n/a	1
300	1.57	n/a	n/a	n/a	1
400	1.18	n/a	n/a	n/a	1
500	.95	n/a	n/a	n/a	1
600	.67	n/a	n/a	n/a	1
700	.53	n/a	n/a	n/a	1
800	.44	n/a	n/a	n/a	1
900	.42	n/a	n/a	n/a	1
1000	.42	n/a	n/a	n/a	1
1200	.54	n/a	n/a	n/a	1
1500	.93	n/a	n/a	n/a	1
2000	1.55	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1479	5.3	1487	1462	18
1481	3.1	1487	1475	17
1481	3.1	1487	1475	17
1481	3.1	1488	1476	17
1481	3.0	1488	1476	17
1481	2.0	1484	1477	17
1480	1.3	1482	1478	17
1480	1.5	1483	1478	17
1479	1.4	1483	1478	17
1479	1.3	1483	1478	17
1479	1.5	1483	1477	17
1478	1.7	1483	1476	17
1478	1.8	1483	1476	17
1477	1.8	1482	1475	17
1477	1.8	1481	1474	17
1477	1.3	1479	1474	16
1477	1.0	1479	1475	16
1478	.7	1479	1476	16
1478	.7	1480	1477	16
1479	.4	1480	1478	16
1480	.4	1481	1479	16
1481	.5	1482	1481	15
1484	.4	1485	1484	8
1491	.5	1491	1490	4
1498	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.935	3.0989	13.548	.000	17
10	12.406	.3810	13.239	11.671	16
20	12.130	.3716	12.929	11.418	16
30	11.854	.3623	12.618	11.166	16
50	11.299	.3446	11.994	10.661	16
75	10.637	.3202	11.241	10.080	16
100	10.073	.3017	10.715	9.638	16
125	9.596	.2877	10.286	9.247	16
150	9.169	.2789	9.877	8.874	16
175	8.777	.2696	9.474	8.494	16
200	8.409	.2610	9.079	8.127	16
225	8.053	.2523	8.691	7.773	16
250	7.708	.2426	8.311	7.432	16
300	7.041	.2205	7.573	6.781	16
400	5.788	.1730	6.174	5.569	16
500	4.634	.1299	4.904	4.468	16
600	3.570	.0943	3.757	3.448	16
700	2.583	.0672	2.711	2.493	16
800	1.664	.0424	1.747	1.604	16
900	.804	.0203	.845	.775	16
1000	.000	.0000	.000	.000	16
1200	-1.486	.0330	-1.441	-1.550	15
1500	-3.422	.0644	-3.359	-3.567	8
2000	-6.206	.0501	-6.139	-6.258	4
2500	-8.701	n/a	n/a	n/a	1

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.82	.878	9.00	5.97	14
10	7.85	.861	9.00	6.00	14
20	7.84	.849	8.95	6.01	14
30	7.82	.833	8.90	6.00	14
50	7.79	.814	8.86	5.99	14
75	7.73	.679	8.62	6.16	14
100	7.37	.401	8.18	6.54	14
125	7.11	.316	7.91	6.56	14
150	6.98	.356	7.91	6.51	14
175	6.76	.369	7.74	6.26	14
200	6.53	.408	7.50	5.97	14
225	6.29	.406	7.20	5.72	14
250	6.05	.378	6.92	5.51	14
300	5.65	.385	6.41	4.98	13
400	5.01	.259	5.39	4.49	13
500	4.58	.235	4.92	4.17	13
600	4.28	.189	4.57	3.92	13
700	4.05	.139	4.23	3.79	13
800	3.84	.121	4.03	3.63	13
900	3.60	.102	3.73	3.43	13
1000	3.38	.090	3.54	3.22	13
1200	2.97	.072	3.10	2.88	11
1500	2.46	.026	2.50	2.42	7
2000	1.88	.021	1.89	1.86	2
2500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.466	.1591	32.640	32.050	14
32.462	.1589	32.640	32.040	14
32.466	.1497	32.640	32.040	14
32.476	.1361	32.640	32.070	14
32.506	.1015	32.640	32.229	14
32.742	.3103	33.590	32.478	14
33.171	.3432	33.778	32.566	14
33.562	.1599	33.861	33.359	14
33.759	.0773	33.896	33.653	14
33.847	.0483	33.923	33.760	14
33.896	.0315	33.940	33.848	14
33.915	.0299	33.956	33.870	14
33.932	.0328	33.971	33.876	14
33.956	.0409	34.009	33.880	13
34.025	.0406	34.083	33.953	13
34.096	.0399	34.164	34.018	13
34.178	.0287	34.231	34.129	13
34.242	.0247	34.288	34.195	13
34.303	.0191	34.337	34.275	13
34.349	.0250	34.385	34.305	13
34.391	.0260	34.432	34.356	13
34.452	.0280	34.487	34.404	11
34.518	.0264	34.556	34.476	7
34.615	.0068	34.615	34.615	2
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.332	.2067	25.560	24.840	14
10	25.324	.2058	25.557	24.836	14
20	25.330	.1951	25.548	24.836	14
30	25.340	.1810	25.557	24.876	14
50	25.368	.1541	25.558	25.024	14
75	25.562	.2806	26.286	25.289	14
100	25.951	.2902	26.440	25.362	14
125	26.294	.1406	26.526	26.045	14
150	26.467	.0930	26.606	26.252	14
175	26.565	.0765	26.670	26.360	14
200	26.635	.0642	26.724	26.464	14
225	26.680	.0594	26.772	26.531	14
250	26.726	.0522	26.805	26.593	14
300	26.794	.0497	26.869	26.677	13
400	26.924	.0328	26.986	26.858	13
500	27.029	.0312	27.077	26.964	13
600	27.126	.0225	27.165	27.100	13
700	27.201	.0200	27.238	27.178	13
800	27.271	.0203	27.304	27.231	13
900	27.331	.0222	27.366	27.292	13
1000	27.386	.0201	27.413	27.351	13
1200	27.473	.0220	27.499	27.441	11
1500	27.570	.0220	27.598	27.536	7
2000	27.696	.0001	27.697	27.694	2
2500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
265.1	19.66	311.9	243.4	14
266.0	19.59	312.4	243.8	14
265.6	18.58	312.6	244.8	14
264.7	17.26	309.0	244.0	14
262.4	14.71	295.1	244.1	14
244.3	26.68	270.4	175.6	14
207.6	27.58	263.8	161.3	14
175.5	13.36	199.3	153.5	14
159.5	8.91	180.1	146.2	14
150.5	7.36	170.2	140.4	14
144.1	6.23	160.6	135.5	14
140.1	5.76	154.5	131.1	14
135.9	5.15	149.0	128.1	14
129.9	4.91	141.4	122.5	13
118.2	3.20	124.7	112.2	13
108.9	3.08	115.3	104.1	13
100.3	2.22	103.1	96.7	13
93.8	1.99	96.2	90.3	13
87.7	2.07	91.8	84.2	13
82.4	2.20	86.2	78.9	13
77.5	1.88	81.1	74.9	13
69.7	2.04	72.5	67.3	11
60.7	1.98	63.8	58.3	7
48.8	.28	49.0	48.6	2
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.82	.878	9.00	5.97	14
10	7.85	.861	9.00	6.00	14
20	7.84	.848	8.94	6.01	14
30	7.82	.833	8.90	6.00	14
50	7.78	.810	8.85	5.99	14
75	7.72	.680	8.61	6.15	14
100	7.36	.401	8.17	6.53	14
125	7.10	.316	7.90	6.55	14
150	6.96	.354	7.89	6.50	14
175	6.75	.368	7.72	6.24	14
200	6.51	.408	7.48	5.95	14
225	6.27	.405	7.18	5.70	14
250	6.02	.377	6.89	5.49	14
300	5.62	.383	6.38	4.96	13
400	4.98	.259	5.36	4.46	13
500	4.54	.235	4.88	4.14	13
600	4.23	.189	4.52	3.88	13
700	4.00	.138	4.18	3.74	13
800	3.78	.119	3.97	3.58	13
900	3.53	.099	3.66	3.37	13
1000	3.31	.088	3.46	3.15	13
1200	2.89	.069	3.01	2.80	11
1500	2.36	.026	2.40	2.32	7
2000	1.74	.021	1.75	1.72	2
2500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
265.1	19.66	311.9	243.4	14
265.8	19.56	312.2	243.7	14
265.3	18.55	312.2	244.6	14
264.2	17.22	308.5	243.7	14
261.6	14.64	294.3	243.6	14
243.1	26.65	269.1	174.3	14
206.1	27.57	262.1	159.7	14
173.5	13.38	197.2	151.4	14
157.1	8.82	177.4	143.8	14
147.8	7.23	167.1	137.8	14
141.1	6.06	157.2	132.7	14
136.8	5.58	150.8	128.1	14
132.4	4.95	145.0	124.9	14
126.0	4.71	137.0	118.8	13
113.6	3.08	119.8	107.7	13
103.6	2.96	109.7	98.9	13
94.3	2.13	96.7	90.6	13
87.1	1.91	89.3	83.6	13
80.4	1.92	84.2	77.3	13
74.7	2.12	78.4	71.4	13
69.4	1.88	72.7	66.9	13
61.1	2.05	64.2	58.6	11
51.8	2.03	55.0	49.2	7
39.8	.14	39.9	39.7	2
n/a	n/a	n/a	n/a	0

STATION MP08 F E B R U A R Y 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	14
10	.266	.0195	.310	.250	14
20	.534	.0373	.620	.490	14
30	.799	.0565	.940	.740	14
50	1.328	.0859	1.540	1.230	14
75	1.970	.1190	2.250	1.840	14
100	2.535	.1632	2.860	2.260	14
125	3.010	.2010	3.400	2.660	14
150	3.426	.2247	3.870	3.030	14
175	3.811	.2428	4.310	3.400	14
200	4.179	.2560	4.720	3.760	14
225	4.534	.2679	5.110	4.110	14
250	4.879	.2784	5.490	4.450	14
300	5.555	.3058	6.220	5.110	13
400	6.789	.3291	7.530	6.310	13
500	7.926	.3496	8.730	7.400	13
600	8.972	.3649	9.820	8.400	13
700	9.940	.3689	10.800	9.340	13
800	10.848	.3783	11.730	10.210	13
900	11.697	.3876	12.600	11.040	13
1000	12.493	.4007	13.430	11.820	13
1200	13.948	.4677	14.960	13.250	11
1500	15.900	.5984	16.950	15.150	7
2000	18.040	.2263	18.200	17.880	2
2500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	14
.01	.004	.02	.01	14
.05	.005	.06	.05	14
.12	.007	.14	.11	14
.34	.022	.39	.31	14
.75	.041	.84	.69	14
1.25	.096	1.39	1.05	14
1.79	.146	2.00	1.50	14
2.38	.180	2.66	2.03	14
3.02	.209	3.38	2.64	14
3.72	.236	4.17	3.32	14
4.49	.261	5.02	4.08	14
5.32	.288	5.94	4.89	14
7.19	.356	7.97	6.65	13
11.59	.461	12.65	10.82	13
16.80	.581	18.14	15.79	13
22.65	.689	24.22	21.42	13
29.08	.780	30.75	27.61	13
36.01	.896	37.81	34.30	13
43.36	1.054	45.40	41.45	13
51.08	1.231	53.47	49.02	13
67.49	1.768	70.59	65.06	11
94.44	2.623	97.87	91.12	7
140.07	.601	140.50	139.65	2
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.57	n/a	n/a	n/a	1
10	6.68	n/a	n/a	n/a	1
20	6.62	n/a	n/a	n/a	1
30	6.60	n/a	n/a	n/a	1
50	6.60	n/a	n/a	n/a	1
75	6.36	n/a	n/a	n/a	1
100	5.29	n/a	n/a	n/a	1
125	4.37	n/a	n/a	n/a	1
150	4.05	n/a	n/a	n/a	1
175	4.02	n/a	n/a	n/a	1
200	3.75	n/a	n/a	n/a	1
225	3.48	n/a	n/a	n/a	1
250	2.80	n/a	n/a	n/a	1
300	1.81	n/a	n/a	n/a	1
400	1.37	n/a	n/a	n/a	1
500	1.21	n/a	n/a	n/a	1
600	.53	n/a	n/a	n/a	1
700	.46	n/a	n/a	n/a	1
800	.41	n/a	n/a	n/a	1
900	.42	n/a	n/a	n/a	1
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1479	3.3	1483	1472	14
1479	3.2	1483	1472	14
1479	3.2	1483	1472	14
1479	3.2	1483	1472	14
1480	3.2	1484	1472	14
1480	2.5	1483	1474	14
1480	1.5	1482	1477	14
1480	1.4	1483	1477	14
1480	1.3	1483	1478	14
1480	1.4	1483	1477	14
1479	1.6	1483	1477	14
1479	1.6	1482	1476	14
1478	1.4	1481	1476	14
1477	1.6	1480	1474	13
1476	1.1	1478	1474	13
1476	.9	1478	1475	13
1477	.8	1478	1475	13
1478	.7	1478	1476	13
1478	.8	1479	1477	13
1479	.6	1480	1478	13
1480	.4	1480	1479	13
1481	.5	1482	1481	11
1484	.4	1485	1484	7
1490	.0	1490	1490	2
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.494	.4018	13.434	11.817	13
10	12.227	.3889	13.122	11.564	13
20	11.960	.3773	12.809	11.308	13
30	11.692	.3650	12.492	11.053	13
50	11.161	.3512	11.899	10.541	13
75	10.517	.3241	11.187	9.923	13
100	9.954	.2826	10.571	9.447	13
125	9.477	.2552	10.036	9.038	13
150	9.061	.2382	9.566	8.662	13
175	8.674	.2239	9.128	8.305	13
200	8.306	.2110	8.716	7.960	13
225	7.950	.1985	8.322	7.627	13
250	7.604	.1866	7.942	7.298	13
300	6.940	.1644	7.219	6.672	13
400	5.705	.1305	5.902	5.483	13
500	4.569	.1018	4.718	4.396	13
600	3.523	.0778	3.650	3.386	13
700	2.553	.0591	2.657	2.450	13
800	1.646	.0406	1.718	1.576	13
900	.797	.0202	.833	.761	13
1000	.000	.0000	.000	.000	13
1200	-1.468	.0412	-1.416	-1.529	11
1500	-3.416	.0997	-3.326	-3.570	7
2000	-6.049	.0142	-6.039	-6.059	2
2500	n/a	n/a	n/a	n/a	0

STATION MP08 M A R C H 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.48	.886	10.21	7.65	17
10	8.47	.888	10.21	7.60	17
20	8.43	.907	10.21	7.53	17
30	8.40	.922	10.21	7.51	17
50	8.33	.966	10.21	7.50	17
75	8.23	.975	10.22	7.37	17
100	8.02	1.047	10.21	7.06	17
125	7.73	1.222	10.29	6.75	17
150	7.46	1.095	9.90	6.46	17
175	7.18	.987	9.36	6.41	17
200	6.95	.934	8.87	6.02	17
225	6.69	.863	8.50	5.88	17
250	6.46	.803	8.13	5.64	17
300	5.99	.749	7.49	5.25	17
400	5.32	.567	6.51	4.82	17
500	4.78	.470	5.83	4.38	16
600	4.37	.284	5.09	4.16	16
700	4.04	.136	4.30	3.84	16
800	3.80	.119	4.03	3.64	16
900	3.56	.109	3.76	3.44	16
1000	3.38	.125	3.60	3.25	16
1200	2.99	.096	3.15	2.88	14
1500	2.44	.053	2.51	2.36	6
2000	1.95	.025	1.96	1.91	4
2500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.447	.1740	32.601	31.860	17
32.438	.1743	32.602	31.869	17
32.443	.1636	32.600	31.920	17
32.468	.1062	32.602	32.260	17
32.552	.1718	33.020	32.270	17
32.810	.4068	33.490	32.441	17
33.159	.4621	33.790	32.451	17
33.505	.3249	33.941	32.848	17
33.724	.1822	34.010	33.297	17
33.822	.1200	34.031	33.551	17
33.880	.0851	34.049	33.707	17
33.913	.0594	34.050	33.823	17
33.936	.0483	34.060	33.886	17
33.962	.0454	34.069	33.900	17
34.023	.0442	34.103	33.960	17
34.089	.0451	34.158	34.014	16
34.168	.0516	34.273	34.075	16
34.230	.0554	34.323	34.129	16
34.287	.0532	34.370	34.189	16
34.339	.0452	34.406	34.254	16
34.384	.0316	34.434	34.333	16
34.447	.0240	34.479	34.400	14
34.521	.0110	34.536	34.511	6
34.596	.0061	34.602	34.584	4
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.220	.1662	25.415	24.836	17
10	25.214	.1579	25.407	24.842	17
20	25.225	.1565	25.415	24.879	17
30	25.249	.1295	25.427	25.062	17
50	25.323	.1694	25.797	25.064	17
75	25.541	.3937	26.177	25.064	17
100	25.844	.4722	26.409	25.064	17
125	26.156	.4191	26.560	25.258	17
150	26.367	.2878	26.620	25.662	17
175	26.484	.2236	26.665	25.948	17
200	26.562	.1850	26.728	26.148	17
225	26.623	.1514	26.780	26.309	17
250	26.672	.1296	26.825	26.401	17
300	26.754	.1075	26.894	26.543	17
400	26.885	.0853	27.000	26.731	17
500	27.000	.0754	27.081	26.856	16
600	27.109	.0642	27.206	26.985	16
700	27.192	.0548	27.268	27.093	16
800	27.262	.0497	27.331	27.171	16
900	27.327	.0426	27.382	27.246	16
1000	27.381	.0353	27.423	27.319	16
1200	27.468	.0275	27.499	27.418	14
1500	27.575	.0117	27.594	27.561	6
2000	27.674	.0079	27.682	27.664	4
2500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
275.8	15.81	312.3	257.2	17
276.4	15.05	311.9	258.1	17
275.6	14.91	308.5	257.5	17
273.5	12.36	291.3	256.5	17
266.7	19.02	291.5	221.6	17
246.4	37.47	292.0	185.9	17
218.0	44.96	292.5	164.3	17
188.8	40.02	274.5	150.3	17
169.1	27.57	236.6	145.1	17
158.3	21.51	209.8	141.1	17
151.2	17.90	191.2	135.1	17
145.7	14.73	176.3	130.4	17
141.2	12.67	167.7	126.3	17
133.8	10.64	154.8	120.1	17
122.1	8.51	137.7	110.9	17
111.8	7.59	126.6	103.9	16
102.1	6.37	114.7	92.6	16
94.6	5.30	104.3	87.5	16
88.4	4.80	97.2	81.9	16
82.7	4.16	90.6	77.5	16
78.0	3.55	84.3	73.9	16
70.2	2.76	75.2	67.2	14
60.2	1.31	61.7	58.1	6
51.2	.82	52.2	50.2	4
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.48	.886	10.21	7.65	17
10	8.47	.888	10.21	7.60	17
20	8.43	.905	10.21	7.53	17
30	8.40	.922	10.21	7.51	17
50	8.33	.962	10.20	7.50	17
75	8.22	.975	10.21	7.36	17
100	8.01	1.047	10.20	7.05	17
125	7.72	1.222	10.27	6.74	17
150	7.45	1.092	9.88	6.45	17
175	7.17	.985	9.34	6.39	17
200	6.93	.933	8.85	6.00	17
225	6.67	.863	8.48	5.86	17
250	6.44	.801	8.11	5.62	17
300	5.96	.747	7.46	5.22	17
400	5.28	.566	6.48	4.79	17
500	4.74	.469	5.79	4.34	16
600	4.32	.283	5.04	4.11	16
700	3.99	.136	4.25	3.79	16
800	3.74	.119	3.97	3.58	16
900	3.50	.109	3.69	3.37	16
1000	3.31	.125	3.53	3.18	16
1200	2.90	.092	3.06	2.80	14
1500	2.33	.050	2.40	2.26	6
2000	1.81	.025	1.82	1.77	4
2500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
275.8	15.81	312.3	257.2	17
276.2	15.02	311.7	257.9	17
275.5	14.90	308.2	257.1	17
272.9	12.30	290.7	256.0	17
265.8	18.96	290.5	220.8	17
245.1	37.43	290.4	184.6	17
216.3	44.86	290.4	162.6	17
186.6	39.78	271.9	148.2	17
166.6	27.29	233.4	142.6	17
155.4	21.19	206.2	138.2	17
148.0	17.51	187.5	132.3	17
142.2	14.32	171.9	124.3	17
137.5	12.25	163.1	123.1	17
129.7	10.16	149.6	116.4	17
117.2	8.04	131.7	106.3	17
106.5	7.11	119.8	98.6	16
95.9	6.06	107.6	86.7	16
87.9	5.18	97.3	80.8	16
81.2	4.69	89.9	74.7	16
75.1	4.03	82.7	69.9	16
69.9	3.32	75.8	65.9	16
61.6	2.54	66.3	58.7	14
51.4	1.15	52.7	49.6	6
41.8	.71	42.8	41.1	4
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	17
10	.276	.0146	.310	.260	17
20	.354	.0314	.630	.320	17
30	.828	.0429	.920	.780	17
50	1.370	.0642	1.460	1.280	17
75	2.017	.1198	2.190	1.830	17
100	2.596	.2173	2.920	2.270	17
125	3.105	.3174	3.640	2.660	17
150	3.551	.3947	4.270	3.030	17
175	3.957	.4507	4.820	3.380	17
200	4.346	.4956	5.320	3.730	17
225	4.716	.5340	5.780	4.070	17
250	5.074	.5658	6.210	4.400	17
300	5.761	.6182	7.010	5.040	17
400	7.038	.7034	8.460	6.240	17
500	8.208	.8002	9.780	7.360	16
600	9.276	.8604	10.980	8.360	16
700	10.258	.9093	12.070	9.290	16
800	11.171	.9543	13.060	10.170	16
900	12.026	.9956	13.980	10.980	16
1000	12.828	1.0270	14.830	11.750	16
1200	14.351	1.1565	16.410	13.170	14
1500	15.593	.4724	16.120	15.050	6
2000	18.178	.4714	18.860	17.790	4
2500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	17
.01	.002	.02	.01	17
.06	.005	.06	.05	17
.13	.006	.14	.12	17
.35	.016	.37	.32	17
.76	.057	.84	.67	17
1.27	.146	1.49	1.06	17
1.86	.264	2.32	1.50	17
2.48	.373	3.21	2.02	17
3.16	.465	4.12	2.61	17
3.89	.555	5.08	3.28	17
4.70	.641	6.07	4.01	17
5.56	.719	7.10	4.81	17
7.49	.873	9.36	6.60	17
12.04	1.192	14.51	10.75	17
17.41	1.591	20.58	15.66	16
23.39	1.956	27.31	21.27	16
29.89	2.298	34.49	27.44	16
36.87	2.671	42.04	34.11	16
44.28	3.039	50.00	41.19	16
52.05	3.395	58.33	48.65	16
68.83	4.315	76.03	64.53	14
92.33	1.817	94.64	90.28	6
141.74	2.687	145.45	139.04	4
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.75	.329	6.99	6.28	4
10	6.79	.303	7.02	6.35	4
20	6.78	.308	7.02	6.34	4
30	6.77	.303	7.01	6.34	4
50	6.70	.281	6.98	6.31	4
75	5.69	1.257	6.95	4.22	4
100	5.11	1.589	6.56	3.58	4
125	4.39	1.104	5.58	3.33	4
150	4.04	.698	4.76	3.15	4
175	3.80	.614	4.42	2.95	4
200	3.40	.767	3.99	2.32	4
225	2.88	.665	3.57	1.98	4
250	2.51	.640	3.17	1.69	4
300	2.04	.608	2.58	1.29	4
400	1.39	.471	1.98	.91	4
500	.90	.382	1.43	.62	4
600	.65	.259	1.03	.48	4
700	.50	.161	.72	.37	4
800	.42	.123	.55	.32	4
900	.42	.109	.53	.31	4
1000	.43	.122	.57	.30	4
1200	.57	.148	.78	.44	4
1500	.82	.076	.90	.75	3
2000	1.42	.085	1.50	1.33	3
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1481	3.5	1488	1478	17
1482	3.4	1488	1478	17
1481	3.5	1488	1478	17
1482	3.6	1489	1478	17
1482	3.7	1489	1478	17
1482	3.4	1489	1479	17
1482	3.8	1490	1478	17
1482	4.3	1491	1478	17
1482	3.9	1490	1478	17
1481	3.7	1489	1478	17
1481	3.6	1488	1477	17
1480	3.3	1487	1477	17
1479	3.5	1486	1476	17
1479	2.8	1484	1476	17
1478	2.3	1482	1475	17
1477	1.9	1481	1475	16
1477	1.3	1480	1476	16
1477	.5	1478	1477	16
1478	.4	1479	1478	16
1479	.6	1480	1478	16
1480	.7	1481	1479	16
1481	.5	1482	1481	14
1484	.0	1484	1484	6
1491	.5	1491	1490	4
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.829	1.0285	14.834	11.754	16
10	12.552	1.0187	14.545	11.495	16
20	12.276	1.0087	14.255	11.235	16
30	12.001	.9987	13.965	10.975	16
50	11.460	.9766	13.384	10.451	16
75	10.815	.9293	12.658	9.868	16
100	10.235	.8479	11.930	9.403	16
125	9.727	.7476	11.211	8.989	16
150	9.281	.6650	10.567	8.599	16
175	8.873	.6070	10.014	8.231	16
200	8.487	.5592	9.514	7.885	16
225	8.116	.5193	9.062	7.554	16
250	7.757	.4858	8.635	7.233	16
300	7.069	.4288	7.843	6.618	16
400	5.791	.3355	6.401	5.462	16
500	4.622	.2576	5.085	4.293	16
600	3.553	.1891	3.881	3.299	16
700	2.571	.1340	2.822	2.401	16
800	1.659	.0828	1.812	1.557	16
900	.803	.0383	.875	.759	16
1000	.000	.0000	.000	.000	16
1200	-1.478	.0678	-1.404	-1.588	14
1500	-3.358	.0604	-3.290	-3.436	6
2000	-6.158	.1083	-6.030	-6.293	4
2500	n/a	n/a	n/a	n/a	0

STATION MP08 A P R I L 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.85	.979	9.66	6.67	11
10	7.90	1.005	9.67	6.67	11
20	7.87	.981	9.67	6.67	11
30	7.82	.980	9.67	6.60	11
50	7.69	1.005	9.64	6.58	11
75	7.48	.928	9.46	6.35	11
100	7.55	.505	8.77	6.94	11
125	7.32	.345	8.13	6.95	11
150	7.08	.241	7.56	6.74	11
175	6.83	.284	7.33	6.32	11
200	6.56	.281	7.05	6.15	11
225	6.34	.264	6.77	5.96	11
250	6.12	.271	6.60	5.75	11
300	5.69	.260	6.23	5.35	11
400	5.04	.235	5.49	4.69	10
500	4.60	.208	4.96	4.27	9
600	4.28	.148	4.52	4.00	9
700	4.02	.115	4.16	3.77	9
800	3.77	.072	3.88	3.61	9
900	3.56	.057	3.64	3.44	9
1000	3.37	.076	3.50	3.23	9
1200	2.97	.045	3.01	2.89	9
1500	2.43	.049	2.49	2.35	8
2000	1.93	.057	1.97	1.89	2
2500	1.74	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.453	.0676	32.550	32.354	11
32.446	.0838	32.550	32.277	11
32.451	.0801	32.550	32.298	11
32.463	.0666	32.550	32.341	11
32.497	.0832	32.665	32.383	11
32.663	.2526	33.330	32.437	11
33.270	.3071	33.596	32.652	11
33.601	.1653	33.784	33.252	11
33.797	.0532	33.866	33.719	11
33.876	.0289	33.922	33.828	11
33.908	.0301	33.972	33.878	11
33.933	.0282	33.986	33.893	11
33.948	.0283	33.997	33.907	11
33.978	.0289	34.035	33.923	11
34.039	.0341	34.102	33.966	10
34.116	.0317	34.168	34.054	9
34.187	.0310	34.228	34.134	9
34.256	.0281	34.282	34.216	9
34.310	.0296	34.341	34.266	9
34.362	.0259	34.398	34.327	9
34.411	.0265	34.465	34.382	9
34.471	.0280	34.538	34.444	8
34.527	.0111	34.539	34.513	2
34.605	.0142	34.615	34.595	2
34.634	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.316	.1809	25.559	25.014	11
10	25.304	.1943	25.559	25.003	11
20	25.313	.1840	25.559	25.048	11
30	25.330	.1747	25.564	25.056	11
50	25.374	.1870	25.615	25.064	11
75	25.535	.2735	26.089	25.088	11
100	26.003	.2858	26.301	25.479	11
125	26.295	.1368	26.458	26.073	11
150	26.483	.0647	26.563	26.369	11
175	26.579	.0463	26.646	26.513	11
200	26.641	.0427	26.716	26.582	11
225	26.689	.0365	26.755	26.635	11
250	26.728	.0335	26.791	26.684	11
300	26.806	.0332	26.870	26.755	11
400	26.932	.0245	26.971	26.891	10
500	27.042	.0223	27.076	27.002	9
600	27.133	.0202	27.163	27.099	9
700	27.215	.0203	27.238	27.180	9
800	27.283	.0216	27.310	27.247	9
900	27.345	.0205	27.375	27.315	9
1000	27.403	.0209	27.449	27.380	9
1200	27.489	.0233	27.544	27.466	9
1500	27.579	.0047	27.587	27.570	8
2000	27.683	.0150	27.694	27.672	2
2500	27.721	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
266.6	17.22	295.4	243.5	11
267.9	18.51	296.5	243.6	11
267.2	17.54	292.5	243.8	11
265.8	16.66	291.9	243.4	11
261.8	17.88	291.4	238.8	11
246.9	26.08	289.6	194.2	11
202.8	27.19	252.6	174.5	11
175.4	12.96	196.4	160.0	11
157.9	6.18	168.9	150.3	11
149.2	4.47	155.4	142.6	11
143.5	4.16	149.2	136.9	11
139.2	3.57	144.5	132.6	11
135.7	3.27	140.0	129.6	11
128.7	3.26	133.9	122.5	11
117.5	2.46	121.8	113.8	10
107.7	2.23	111.9	104.5	9
99.7	1.96	102.9	96.8	9
92.5	1.95	95.8	90.2	9
86.4	2.00	89.9	83.9	9
81.0	1.97	83.9	78.2	9
75.9	1.99	78.1	71.6	9
68.2	2.17	70.4	63.0	9
59.7	.54	60.6	59.1	8
50.2	1.70	51.4	49.0	2
47.5	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.85	.979	9.66	6.67	11
10	7.90	1.005	9.67	6.67	11
20	7.87	.981	9.67	6.67	11
30	7.82	.982	9.67	6.59	11
50	7.68	1.003	9.63	6.58	11
75	7.47	.929	9.45	6.34	11
100	7.54	.505	8.76	6.93	11
125	7.31	.343	8.11	6.94	11
150	7.07	.242	7.55	6.73	11
175	6.82	.282	7.31	6.31	11
200	6.54	.280	7.03	6.14	11
225	6.32	.264	6.75	5.94	11
250	6.10	.270	6.58	5.73	11
300	5.67	.258	6.20	5.33	11
400	5.01	.236	5.46	4.66	10
500	4.56	.208	4.92	4.23	9
600	4.23	.145	4.47	3.96	9
700	3.97	.115	4.11	3.72	9
800	3.71	.072	3.82	3.55	9
900	3.50	.054	3.57	3.38	9
1000	3.30	.076	3.43	3.16	9
1200	2.88	.044	2.93	2.81	9
1500	2.33	.049	2.39	2.25	8
2000	1.79	.057	1.83	1.75	2
2500	1.56	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
266.6	17.22	295.4	243.5	11
267.8	18.50	296.4	243.5	11
266.9	17.52	292.1	243.5	11
265.3	16.60	291.3	243.0	11
261.1	17.79	290.5	238.1	11
245.7	26.01	288.2	193.0	11
201.1	27.17	251.0	172.9	11
173.4	12.99	194.5	157.9	11
155.5	6.13	166.4	148.0	11
146.4	4.39	152.6	140.0	11
140.5	4.04	146.1	133.4	11
135.9	3.46	141.0	129.7	11
132.2	3.16	136.3	126.2	11
124.8	3.15	129.6	118.7	11
112.8	2.35	116.7	109.0	10
102.3	2.14	106.1	99.0	9
93.6	1.94	96.8	90.7	9
85.8	1.93	89.1	83.6	9
79.3	2.04	82.7	76.7	9
73.4	1.97	76.2	70.5	9
67.8	1.98	70.0	63.5	9
59.6	2.17	61.8	54.4	9
50.9	.56	51.9	50.3	8
41.0	1.41	42.0	40.0	2
37.2	n/a	n/a	n/a	1

STATION MP08 A P R I L 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	11
10	.267	.0174	.290	.240	11
20	.536	.0356	.590	.490	11
30	.802	.0533	.880	.730	11
50	1.334	.0862	1.460	1.220	11
75	1.973	.1335	2.190	1.820	11
100	2.533	.1887	2.860	2.290	11
125	3.005	.2352	3.410	2.710	11
150	3.418	.2552	3.860	3.100	11
175	3.799	.2653	4.260	3.460	11
200	4.165	.2746	4.640	3.810	11
225	4.522	.2817	5.010	4.160	11
250	4.865	.2863	5.360	4.490	11
300	5.525	.2985	6.040	5.140	11
400	6.789	.3175	7.320	6.350	10
500	7.897	.3516	8.490	7.450	9
600	8.931	.3665	9.560	8.470	9
700	9.891	.3827	10.550	9.410	9
800	10.787	.3999	11.480	10.290	9
900	11.622	.4168	12.350	11.110	9
1000	12.406	.4285	13.150	11.890	9
1200	13.847	.4508	14.640	13.330	9
1500	15.799	.4929	16.600	15.230	8
2000	18.570	.7212	19.080	18.060	2
2500	21.550	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	11
.01	.004	.02	.01	11
.05	.005	.06	.05	11
.12	.008	.13	.11	11
.34	.022	.37	.31	11
.75	.050	.83	.68	11
1.25	.106	1.43	1.08	11
1.78	.160	2.06	1.56	11
2.36	.189	2.69	2.10	11
3.00	.208	3.36	2.70	11
3.69	.223	4.08	3.37	11
4.46	.238	4.87	4.11	11
5.29	.254	5.72	4.92	11
7.14	.290	7.63	6.74	11
11.57	.364	12.19	11.04	10
16.70	.475	17.53	16.12	9
22.50	.583	23.52	21.79	9
28.87	.702	30.10	27.99	9
35.70	.849	37.19	34.64	9
42.94	1.024	44.74	41.65	9
50.53	1.184	52.54	49.01	9
66.65	1.543	69.14	64.42	9
93.32	1.682	96.04	91.02	8
141.94	3.811	144.64	139.25	2
201.24	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1479	3.6	1486	1475	11
1479	3.8	1486	1475	11
1479	3.7	1486	1475	11
1479	3.5	1486	1475	11
1479	3.9	1487	1475	11
1479	3.4	1486	1475	11
1481	1.9	1485	1478	11
1481	1.1	1483	1479	11
1480	.9	1482	1479	11
1480	1.3	1482	1478	11
1479	1.0	1481	1478	11
1479	1.1	1480	1477	11
1478	1.0	1480	1477	11
1477	1.1	1480	1476	11
1476	1.0	1478	1475	10
1476	.9	1478	1475	9
1477	.9	1478	1475	9
1477	.7	1478	1476	9
1478	.5	1479	1477	9
1479	.3	1479	1478	9
1480	.3	1480	1479	9
1482	.5	1482	1481	9
1484	.0	1484	1484	8
1491	.7	1491	1490	2
1498	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.407	.4298	13.155	11.889	9
10	12.138	.4150	12.860	11.627	9
20	11.868	.4014	12.567	11.362	9
30	11.600	.3888	12.275	11.101	9
50	11.070	.3608	11.692	10.606	9
75	10.426	.3169	10.966	10.045	9
100	9.866	.2526	10.295	9.528	9
125	9.391	.2056	9.743	9.107	9
150	8.976	.1863	9.294	8.713	9
175	8.593	.1770	8.891	8.342	9
200	8.228	.1695	8.514	7.989	9
225	7.873	.1633	8.149	7.646	9
250	7.530	.1580	7.796	7.312	9
300	6.867	.1456	7.114	6.667	9
400	5.636	.1207	5.835	5.472	9
500	4.511	.0978	4.669	4.382	9
600	3.475	.0776	3.599	3.370	9
700	2.514	.0590	2.606	2.430	9
800	1.620	.0398	1.678	1.557	9
900	.784	.0190	.806	.749	9
1000	.000	.0000	.000	.000	9
1200	-1.438	.0404	-1.343	-1.481	9
1500	-3.372	.0415	-3.319	-3.440	8
2000	-6.120	.1223	-6.034	-6.207	2
2500	-8.677	n/a	n/a	n/a	1

STATION MP08 M A Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.60	.831	11.20	7.69	35
10	9.44	.792	11.00	7.50	35
20	9.25	.890	10.96	6.97	35
30	8.96	.913	10.85	6.92	35
50	8.23	.802	10.71	6.70	35
75	7.72	.668	9.11	6.36	35
100	7.38	.528	8.61	6.36	35
125	7.18	.354	8.06	6.54	35
150	7.00	.313	7.86	6.41	35
175	6.76	.290	7.63	6.20	35
200	6.50	.308	7.34	5.90	35
225	6.24	.300	7.04	5.65	35
250	5.97	.315	6.80	5.28	35
300	5.51	.293	6.30	4.98	35
400	4.89	.277	5.62	4.42	34
500	4.47	.197	4.91	4.12	31
600	4.22	.129	4.52	4.01	30
700	4.00	.103	4.29	3.83	30
800	3.78	.110	4.06	3.57	30
900	3.55	.084	3.69	3.38	30
1000	3.36	.064	3.49	3.21	30
1200	2.96	.069	3.12	2.83	27
1500	2.44	.060	2.59	2.33	22
2000	1.94	.022	1.97	1.91	7
2500	1.76	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.326	.2224	32.675	31.623	35
32.330	.1966	32.679	31.887	35
32.381	.1555	32.684	31.976	35
32.412	.1431	32.696	32.043	35
32.505	.1007	32.775	32.256	35
32.653	.1488	32.993	32.413	35
33.029	.2892	33.572	32.486	35
33.459	.1969	33.789	32.898	35
33.714	.1035	33.878	33.445	35
33.824	.0543	33.910	33.686	35
33.875	.0399	33.977	33.786	35
33.901	.0331	33.971	33.829	35
33.915	.0320	33.970	33.849	35
33.941	.0317	33.996	33.865	35
34.009	.0283	34.045	33.924	34
34.093	.0295	34.151	34.006	31
34.174	.0279	34.225	34.106	30
34.245	.0280	34.314	34.187	30
34.306	.0258	34.362	34.245	30
34.353	.0211	34.393	34.301	30
34.394	.0200	34.423	34.336	30
34.455	.0178	34.483	34.409	27
34.520	.0164	34.546	34.484	22
34.592	.0122	34.603	34.567	7
34.635	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.952	.2386	25.365	24.267	35
10	24.982	.2065	25.392	24.597	35
20	25.050	.1861	25.496	24.609	35
30	25.120	.1873	25.518	24.653	35
50	25.303	.1495	25.570	24.928	35
75	25.494	.1590	25.816	25.147	35
100	25.838	.2461	26.284	25.369	35
125	26.204	.1652	26.465	25.697	35
150	26.428	.0834	26.570	26.227	35
175	26.547	.0504	26.642	26.459	35
200	26.622	.0366	26.684	26.548	35
225	26.676	.0294	26.724	26.613	35
250	26.721	.0297	26.784	26.653	35
300	26.799	.0279	26.869	26.744	35
400	26.925	.0304	27.000	26.859	34
500	27.039	.0283	27.110	26.977	31
600	27.129	.0246	27.183	27.076	30
700	27.208	.0233	27.271	27.164	30
800	27.280	.0224	27.334	27.239	30
900	27.339	.0181	27.375	27.303	30
1000	27.391	.0160	27.417	27.354	30
1200	27.476	.0150	27.505	27.446	27
1500	27.574	.0137	27.593	27.547	22
2000	27.672	.0092	27.682	27.654	7
2500	27.720	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
301.3	22.72	366.5	261.9	35
298.6	19.65	335.2	259.5	35
292.2	17.73	334.3	249.8	35
285.7	17.86	330.3	247.8	35
268.6	14.28	304.5	243.0	35
250.7	15.18	283.9	220.1	35
218.4	23.39	263.0	176.1	35
184.1	15.70	232.2	159.3	35
163.1	7.92	182.1	149.7	35
152.1	4.84	160.6	143.0	35
145.3	3.55	152.7	139.3	35
140.4	2.88	146.8	135.7	35
136.3	2.95	143.2	130.2	35
129.3	2.77	135.0	122.4	35
118.0	3.06	124.2	110.5	34
107.8	2.79	113.5	100.7	31
99.9	2.39	104.9	94.7	30
93.0	2.25	97.3	87.0	30
86.8	2.18	91.0	81.5	30
81.5	1.76	85.1	78.2	30
77.0	1.54	80.2	74.4	30
69.4	1.45	72.6	66.3	27
60.3	1.37	63.2	58.5	22
51.3	.80	52.8	50.3	7
47.7	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.60	.831	11.20	7.69	35
10	9.44	.792	11.00	7.50	35
20	9.25	.889	10.95	6.97	35
30	8.96	.913	10.85	6.92	35
50	8.23	.799	10.70	6.70	35
75	7.71	.668	9.10	6.35	35
100	7.37	.528	8.60	6.35	35
125	7.17	.355	8.05	6.53	35
150	6.99	.313	7.84	6.39	35
175	6.75	.290	7.62	6.19	35
200	6.48	.308	7.32	5.88	35
225	6.22	.300	7.02	5.63	35
250	5.95	.315	6.78	5.26	35
300	5.49	.290	6.27	4.96	35
400	4.86	.277	5.59	4.39	34
500	4.43	.196	4.87	4.08	31
600	4.17	.128	4.47	3.97	30
700	3.94	.102	4.24	3.78	30
800	3.72	.110	4.00	3.51	30
900	3.48	.082	3.62	3.32	30
1000	3.28	.064	3.45	3.14	30
1200	2.87	.066	3.03	2.75	27
1500	2.34	.059	2.49	2.23	22
2000	1.80	.023	1.83	1.77	7
2500	1.59	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
301.3	22.72	366.5	261.9	35
298.4	19.64	335.0	259.4	35
291.9	17.70	333.8	249.5	35
285.2	17.81	329.7	247.4	35
267.7	14.21	303.4	242.4	35
249.5	15.13	282.6	218.9	35
216.9	23.37	261.4	174.5	35
182.1	15.70	230.2	157.2	35
160.7	7.91	179.8	147.3	35
149.4	4.77	157.8	140.4	35
142.3	3.46	149.3	136.4	35
137.2	2.76	143.1	132.7	35
132.8	2.82	139.3	126.9	35
125.5	2.63	130.6	118.8	35
113.5	2.86	119.7	106.4	34
102.6	2.66	108.5	95.9	31
94.0	2.32	99.0	88.9	30
86.4	2.21	90.6	80.5	30
79.6	2.10	83.5	74.5	30
73.9	1.72	77.4	70.6	30
69.0	1.52	72.5	66.5	30
60.8	1.41	63.7	58.1	27
51.5	1.32	54.0	49.7	22
42.0	.86	43.7	41.1	7
37.2	n/a	n/a	n/a	1

STATION MP08 M A Y 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	35
10	.301	.0218	.360	.260	35
20	.597	.0383	.670	.520	35
30	.885	.0542	1.000	.770	35
50	1.440	.0791	1.630	1.270	35
75	2.093	.1033	2.350	1.860	35
100	2.679	.1292	3.040	2.410	35
125	3.180	.1618	3.600	2.880	35
150	3.612	.1859	4.060	3.270	35
175	4.004	.1977	4.460	3.640	35
200	4.375	.2055	4.840	4.000	35
225	4.731	.2103	5.200	4.350	35
250	5.077	.2152	5.540	4.680	35
300	5.741	.2240	6.210	5.330	35
400	6.972	.2465	7.480	6.510	34
500	8.093	.2757	8.640	7.570	31
600	9.125	.2957	9.710	8.550	30
700	10.090	.3135	10.710	9.470	30
800	10.988	.3264	11.630	10.340	30
900	11.828	.3384	12.490	11.150	30
1000	12.620	.3507	13.300	11.910	30
1200	14.067	.3615	14.700	13.320	27
1500	15.991	.4255	16.680	15.200	22
2000	18.817	.5254	19.550	18.170	7
2500	21.670	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	35
.02	.005	.02	.01	35
.06	.004	.07	.05	35
.13	.007	.15	.12	35
.36	.020	.41	.32	35
.78	.037	.87	.70	35
1.30	.073	1.49	1.18	35
1.87	.122	2.14	1.66	35
2.47	.160	2.83	2.20	35
3.12	.181	3.52	2.80	35
3.83	.195	4.26	3.47	35
4.60	.208	5.04	4.22	35
5.44	.219	5.89	5.03	35
7.30	.248	7.78	6.85	35
11.70	.331	12.31	11.09	34
16.84	.449	17.77	15.91	31
22.65	.585	23.88	21.41	30
29.03	.722	30.52	27.51	30
35.89	.865	37.56	34.14	30
43.17	1.015	45.01	41.09	30
50.85	1.152	52.90	48.52	30
67.16	1.461	69.75	64.30	27
93.74	2.113	97.71	90.24	22
142.89	2.411	147.94	140.59	7
198.90	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.82	.092	6.88	6.75	2
10	6.88	.035	6.90	6.85	2
20	6.76	.205	6.90	6.61	2
30	6.67	.304	6.89	6.46	2
50	6.31	.785	6.86	5.75	2
75	6.24	.806	6.81	5.67	2
100	4.84	.955	5.51	4.16	2
125	4.52	.608	4.95	4.09	2
150	4.24	.368	4.50	3.98	2
175	4.10	.078	4.15	4.04	2
200	3.88	.233	4.04	3.71	2
225	3.35	.481	3.69	3.01	2
250	2.97	.714	3.47	2.46	2
300	2.31	.495	2.66	1.96	2
400	1.26	.615	1.69	.82	2
500	.69	.262	.88	.51	2
600	.41	.156	.52	.30	2
700	.36	.078	.42	.31	2
800	.33	.007	.33	.32	2
900	.36	.042	.39	.33	2
1000	.41	.071	.46	.36	2
1200	.50	.000	.50	.50	2
1500	.77	.014	.78	.76	2
2000	1.52	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1485	3.0	1491	1478	35
1485	3.0	1491	1478	35
1485	3.4	1491	1476	35
1484	3.4	1490	1476	35
1481	3.1	1491	1475	35
1480	2.6	1485	1475	35
1480	2.1	1484	1475	35
1480	1.4	1484	1477	35
1480	1.3	1483	1477	35
1479	1.2	1483	1477	35
1479	1.3	1482	1476	35
1478	1.2	1481	1476	35
1478	1.3	1481	1475	35
1476	1.3	1480	1474	35
1476	1.2	1479	1474	34
1476	.9	1478	1474	31
1477	.6	1478	1476	30
1477	.4	1478	1477	30
1478	.6	1479	1477	30
1479	.4	1479	1478	30
1480	.4	1480	1479	30
1481	.5	1482	1481	27
1484	.4	1485	1484	22
1490	.5	1491	1490	7
1498	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.620	.3503	13.300	11.914	30
10	12.321	.3446	12.995	11.652	30
20	12.026	.3382	12.689	11.395	30
30	11.738	.3307	12.383	11.101	30
50	11.187	.3138	11.784	10.560	30
75	10.536	.2894	11.118	9.960	30
100	9.947	.2511	10.450	9.457	30
125	9.444	.2166	9.864	9.021	30
150	9.013	.1992	9.403	8.602	30
175	8.622	.1888	9.000	8.225	30
200	8.251	.1814	8.609	7.866	30
225	7.896	.1750	8.235	7.524	30
250	7.552	.1697	7.873	7.191	30
300	6.889	.1573	7.182	6.557	30
400	5.658	.1294	5.911	5.401	30
500	4.534	.1032	4.735	4.322	30
600	3.495	.0785	3.649	3.321	30
700	2.531	.0569	2.639	2.404	30
800	1.633	.0358	1.701	1.563	30
900	.792	.0160	.824	.766	30
1000	.000	.0000	.000	.000	30
1200	-1.459	.0300	-1.402	-1.520	27
1500	-3.399	.0733	-3.289	-3.556	22
2000	-6.163	.0833	-6.108	-6.350	7
2500	-8.575	n/a	n/a	n/a	1

STATION MP08 J U N E 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.38	1.139	14.10	10.20	20
10	12.16	1.074	13.75	10.12	20
20	11.76	1.036	13.01	9.89	20
30	10.92	1.130	12.94	8.81	20
50	8.74	.759	9.94	7.44	20
75	7.73	.705	9.32	6.65	20
100	7.38	.507	8.21	6.49	20
125	7.27	.383	7.92	6.62	20
150	7.12	.379	7.73	6.48	20
175	6.93	.344	7.42	6.37	19
200	6.70	.327	7.18	6.20	19
225	6.39	.335	6.94	5.87	19
250	6.11	.366	6.70	5.60	18
300	5.62	.385	6.31	4.95	18
400	4.99	.314	5.52	4.55	17
500	4.51	.192	4.88	4.20	16
600	4.20	.107	4.35	4.00	16
700	3.99	.082	4.10	3.79	16
800	3.76	.076	3.89	3.64	16
900	3.55	.068	3.65	3.42	16
1000	3.34	.086	3.48	3.17	16
1200	2.94	.069	3.04	2.76	16
1500	2.43	.036	2.50	2.37	12
2000	1.98	.021	1.99	1.96	2
2500	1.74	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.140	.1972	32.474	31.670	20
32.161	.1656	32.474	31.787	20
32.237	.1774	32.470	31.787	20
32.315	.1855	32.502	31.785	20
32.457	.1069	32.640	32.293	20
32.628	.1424	32.890	32.456	20
33.002	.2334	33.336	32.642	20
33.432	.1943	33.651	33.023	20
33.709	.1144	33.831	33.468	20
33.826	.0753	33.912	33.670	19
33.880	.0546	33.960	33.770	19
33.903	.0482	34.000	33.798	19
33.916	.0464	34.010	33.819	18
33.942	.0312	34.010	33.896	18
34.008	.0323	34.068	33.968	17
34.082	.0359	34.155	34.029	16
34.157	.0382	34.230	34.092	16
34.230	.0316	34.297	34.192	16
34.293	.0296	34.351	34.250	16
34.346	.0252	34.400	34.316	16
34.386	.0229	34.432	34.359	16
34.446	.0256	34.493	34.410	16
34.519	.0253	34.557	34.467	12
34.593	.0092	34.596	34.590	2
34.632	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.317	.2688	24.720	23.725	20
10	24.375	.2221	24.738	23.941	20
20	24.509	.2613	24.915	23.943	20
30	24.719	.2855	25.106	23.942	20
50	25.191	.1633	25.463	24.907	20
75	25.474	.1697	25.739	25.103	20
100	25.816	.1896	26.118	25.452	20
125	26.169	.1496	26.407	25.821	20
150	26.407	.0963	26.563	26.193	19
175	26.525	.0711	26.648	26.353	19
200	26.600	.0530	26.704	26.472	19
225	26.658	.0440	26.753	26.556	19
250	26.705	.0395	26.799	26.625	18
300	26.785	.0361	26.880	26.730	18
400	26.913	.0370	26.997	26.846	17
500	27.026	.0387	27.100	26.942	16
600	27.118	.0292	27.175	27.063	16
700	27.197	.0254	27.257	27.163	16
800	27.270	.0222	27.320	27.239	16
900	27.334	.0187	27.378	27.313	16
1000	27.386	.0168	27.417	27.364	16
1200	27.471	.0201	27.502	27.439	12
1500	27.573	.0204	27.602	27.527	2
2000	27.670	.0073	27.674	27.667	2
2500	27.719	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
361.8	25.62	418.1	323.3	20
356.4	21.17	397.8	321.8	20
343.8	24.90	397.8	305.2	20
324.1	27.24	398.2	287.0	20
299.3	15.59	306.4	253.3	20
252.7	16.19	288.1	227.4	20
220.5	18.03	255.2	191.8	20
187.3	14.18	220.4	164.7	20
165.1	9.17	185.5	150.2	20
154.3	6.79	170.7	142.5	19
147.5	5.08	159.7	137.4	19
142.2	4.26	151.9	132.9	19
137.9	3.87	145.6	128.8	18
130.6	3.66	136.4	121.2	18
119.2	3.70	126.0	111.0	17
109.1	3.80	117.4	101.9	16
101.0	2.76	106.2	95.5	16
94.0	2.43	97.4	88.3	16
87.6	2.04	90.5	82.9	16
82.0	1.78	84.0	77.8	16
77.4	1.58	79.6	74.6	16
69.8	1.88	73.0	67.0	12
60.3	1.90	64.8	57.7	2
51.6	.57	52.0	51.2	2
47.7	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.38	1.139	14.10	10.20	20
10	12.16	1.074	13.75	10.12	20
20	11.76	1.036	13.01	9.89	20
30	10.92	1.130	12.94	8.81	20
50	8.73	.756	9.93	7.44	20
75	7.72	.705	9.31	6.64	20
100	7.37	.507	8.20	6.48	20
125	7.26	.382	7.91	6.61	20
150	7.11	.379	7.72	6.47	20
175	6.92	.345	7.41	6.35	19
200	6.68	.327	7.17	6.18	19
225	6.37	.335	6.92	5.85	19
250	6.08	.365	6.68	5.58	18
300	5.60	.385	6.28	4.92	18
400	4.96	.314	5.49	4.52	17
500	4.47	.192	4.84	4.16	16
600	4.15	.106	4.31	3.96	16
700	3.94	.080	4.05	3.74	16
800	3.70	.076	3.83	3.58	16
900	3.48	.066	3.58	3.36	16
1000	3.29	.086	3.40	3.10	16
1200	2.93	.067	2.95	2.68	12
1500	2.33	.035	2.39	2.27	2
2000	1.84	.021	1.85	1.82	2
2500	1.57	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
361.8	25.62	418.1	323.3	20
356.2	21.15	397.5	321.6	20
343.4	24.88	397.3	304.7	20
323.4	27.20	397.4	286.5	20
278.5	15.53	305.4	252.6	20
251.5	16.14	286.7	226.3	20
218.9	18.03	253.5	190.2	20
185.3	14.19	218.4	162.8	20
162.7	9.13	183.0	148.0	19
151.5	6.72	167.8	139.9	19
144.4	5.01	156.5	134.5	19
138.9	4.15	148.5	129.5	19
134.4	3.74	142.0	125.5	18
126.7	3.41	135.0	117.8	18
114.6	3.48	126.9	106.6	17
103.8	3.65	120.2	96.8	16
95.1	3.75	111.7	89.7	16
87.5	3.43	100.3	81.8	16
80.5	3.08	90.7	75.8	16
74.4	1.81	83.5	70.2	16
69.4	1.58	76.4	66.3	16
61.3	1.88	71.5	58.3	12
51.6	1.93	64.3	48.8	2
42.1	.50	56.0	41.8	2
37.3	n/a	42.5	n/a	1

STATION MP08 J U N E 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	20
10	.361	.0238	.410	.320	20
20	.714	.0439	.810	.640	20
30	1.050	.0652	1.210	.970	20
50	1.649	.0965	1.920	1.520	20
75	2.315	.1234	2.650	2.160	20
100	2.904	.1524	3.280	2.720	20
125	3.414	.1751	3.790	3.190	20
150	3.852	.1915	4.220	3.580	20
175	4.251	.2112	4.620	3.950	19
200	4.628	.5221	5.000	4.300	19
225	4.989	.2539	5.370	4.650	19
250	5.348	.2389	5.720	4.990	18
300	6.019	.2498	6.400	5.640	18
400	7.272	.2750	7.680	6.820	17
500	8.424	.3046	8.850	7.890	16
600	9.471	.3257	9.900	8.860	16
700	10.447	.3408	10.890	9.780	16
800	11.354	.3552	11.810	10.640	16
900	12.201	.3666	12.670	11.440	16
1000	12.998	.3767	13.470	12.200	16
1200	14.468	.3949	14.930	13.620	16
1500	16.354	.4684	16.880	15.510	12
2000	19.100	.6223	19.540	18.660	2
2500	22.000	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	20
.02	.000	.02	.02	20
.07	.005	.08	.07	20
.16	.012	.19	.14	20
.40	.026	.47	.37	20
.83	.046	.94	.77	20
1.35	.075	1.50	1.27	20
1.93	.112	2.10	1.78	20
2.55	.141	2.79	2.33	20
3.20	.176	3.53	2.93	19
3.92	.199	4.32	3.62	19
4.71	.219	5.16	4.37	19
5.56	.241	6.06	5.18	18
7.45	.279	8.02	6.93	18
11.89	.390	12.58	11.04	17
17.13	.560	17.97	15.93	16
23.00	.724	24.02	21.41	16
29.46	.877	30.73	27.47	16
36.39	1.025	37.87	34.01	16
43.73	1.170	45.36	40.95	16
51.44	1.311	53.21	48.33	16
67.92	1.633	70.05	64.23	12
94.29	2.426	97.91	90.19	2
142.58	1.888	143.92	141.25	1
200.49	n/a	n/a	n/a	

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1495	4.0	1501	1487	20
1495	3.8	1500	1487	20
1493	3.5	1498	1487	20
1491	4.0	1497	1483	20
1483	2.9	1488	1478	20
1480	2.7	1486	1476	20
1479	2.0	1483	1476	20
1480	1.6	1483	1477	20
1480	1.5	1483	1478	20
1480	1.4	1482	1478	19
1480	1.3	1482	1478	19
1480	1.4	1481	1477	19
1479	1.5	1481	1476	18
1478	1.7	1480	1476	18
1477	1.3	1478	1474	18
1476	.7	1477	1474	17
1476	.6	1477	1475	16
1476	.5	1478	1475	16
1477	.4	1479	1476	16
1478	.4	1479	1477	16
1479	.5	1480	1478	16
1480	.5	1482	1479	16
1481	.5	1484	1480	16
1484	.0	1491	1484	12
1491	.0	n/a	1491	2
1498	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.997	.3769	13.467	12.200	16
10	12.636	.3619	13.076	11.876	16
20	12.282	.3506	12.739	11.552	16
30	11.944	.3441	12.421	11.249	16
50	11.337	.3431	11.809	10.570	16
75	10.664	.3262	11.133	9.916	16
100	10.073	.2962	10.494	9.396	16
125	9.561	.3698	9.927	8.940	16
150	9.121	.3501	9.489	8.538	16
175	8.723	.3340	9.086	8.174	16
200	8.346	.3226	8.702	7.824	16
225	7.984	.3127	8.327	7.487	16
250	7.635	.2041	7.965	7.159	16
300	6.964	.1872	7.268	6.533	16
400	5.717	.1505	5.957	5.379	16
500	4.574	.1135	4.742	4.314	16
600	3.526	.0813	3.624	3.335	16
700	2.551	.0569	2.621	2.420	16
800	1.643	.0353	1.687	1.564	16
900	.796	.0163	.818	.763	16
1000	.000	.0000	.000	.000	16
1200	-1.470	.0350	-1.413	-1.523	12
1500	-3.408	.0933	-3.267	-3.590	2
2000	-6.135	.0545	-6.097	-6.174	1
2500	-8.642	n/a	n/a	n/a	

STATION MP08 J U L Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.80	.884	15.49	12.50	12
10	13.74	.914	15.48	12.49	12
20	13.16	1.233	15.44	10.85	12
30	11.83	1.744	15.40	8.55	12
50	9.24	.896	10.53	7.26	12
75	7.99	.759	9.05	6.43	12
100	7.65	.574	8.43	6.48	12
125	7.42	.507	8.01	6.46	12
150	7.19	.461	7.82	6.61	12
175	6.91	.488	7.57	6.33	12
200	6.64	.476	7.24	5.93	12
225	6.38	.492	7.07	5.53	12
250	6.09	.518	6.77	5.24	12
300	5.65	.478	6.33	4.84	12
400	4.98	.383	5.52	4.31	12
500	4.56	.252	4.95	4.18	10
600	4.25	.200	4.49	3.92	10
700	4.03	.161	4.19	3.71	10
800	3.79	.121	3.99	3.61	10
900	3.56	.067	3.64	3.46	9
1000	3.34	.059	3.42	3.22	9
1200	2.96	.071	3.07	2.85	7
1500	2.45	.052	2.50	2.38	5
2000	1.88	.021	1.90	1.87	2
2500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.244	.0998	32.397	32.115	12
32.244	.1022	32.399	32.115	12
32.314	.1133	32.465	32.154	12
32.407	.1175	32.604	32.166	12
32.504	.0766	32.692	32.400	12
32.603	.0916	32.779	32.463	12
32.908	.1973	33.216	32.564	12
33.337	.2095	33.589	32.907	12
33.631	.1392	33.812	33.310	12
33.786	.0670	33.895	33.619	12
33.859	.0466	33.908	33.775	12
33.893	.0406	33.940	33.810	12
33.910	.0427	33.969	33.827	12
33.936	.0422	34.009	33.869	12
34.000	.0346	34.071	33.944	12
34.088	.0371	34.173	34.046	10
34.165	.0347	34.235	34.119	10
34.233	.0326	34.288	34.190	10
34.292	.0268	34.335	34.258	10
34.337	.0266	34.378	34.303	9
34.380	.0204	34.417	34.356	9
34.447	.0212	34.476	34.420	7
34.512	.0116	34.528	34.497	5
34.602	.0050	34.602	34.601	2
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.121	.2422	24.475	23.688	12
10	24.133	.2450	24.475	23.697	12
20	24.300	.3155	24.818	23.714	12
30	24.618	.3884	25.216	23.728	12
50	25.148	.1482	25.441	24.905	12
75	25.416	.1383	25.689	25.228	12
100	25.704	.2025	26.031	25.323	12
125	26.074	.1759	26.312	25.692	12
150	26.339	.1057	26.513	26.136	12
175	26.495	.0682	26.630	26.393	12
200	26.590	.0493	26.681	26.504	12
225	26.651	.0444	26.733	26.581	12
250	26.701	.0430	26.779	26.636	12
300	26.778	.0340	26.825	26.730	12
400	26.907	.0366	26.956	26.842	10
500	27.024	.0398	27.098	26.969	10
600	27.118	.0347	27.177	27.081	10
700	27.196	.0285	27.241	27.166	10
800	27.267	.0241	27.302	27.241	9
900	27.326	.0214	27.362	27.302	9
1000	27.381	.0180	27.414	27.360	7
1200	27.469	.0175	27.496	27.447	7
1500	27.566	.0119	27.580	27.550	5
2000	27.684	.0000	27.685	27.683	2
2500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
380.4	23.10	421.7	346.7	12
379.5	23.37	421.1	346.9	12
363.9	30.10	419.8	314.4	12
333.7	37.08	418.7	276.6	12
283.5	14.17	306.7	255.4	12
258.3	13.24	276.2	232.1	12
231.2	19.31	267.5	199.9	12
196.4	16.91	232.7	173.7	12
171.7	10.05	190.7	155.1	12
157.1	6.58	167.1	144.2	12
148.4	4.84	156.8	139.6	12
142.8	4.42	149.8	134.8	12
138.3	4.31	144.8	130.6	12
131.4	3.51	136.4	126.6	12
119.8	3.72	126.4	114.8	12
109.3	4.00	115.0	102.2	10
101.0	3.40	104.8	95.5	10
94.2	2.81	97.0	90.0	10
88.0	2.36	90.4	84.7	9
82.8	2.04	85.2	79.4	9
77.8	1.78	79.9	74.7	9
70.0	1.72	72.1	67.4	7
60.9	1.21	62.7	59.7	5
49.9	.21	50.1	49.8	2
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.80	.884	15.49	12.50	12
10	13.74	.914	15.48	12.49	12
20	13.16	1.233	15.44	10.85	12
30	11.83	1.742	15.39	8.55	12
50	9.23	.893	10.52	7.26	12
75	7.98	.759	9.04	6.42	12
100	7.64	.574	8.42	6.47	12
125	7.40	.506	8.00	6.45	12
150	7.16	.461	7.80	6.60	12
175	6.90	.489	7.56	6.33	12
200	6.62	.476	7.22	5.93	12
225	6.36	.492	7.05	5.51	12
250	6.07	.519	6.75	5.22	12
300	5.62	.475	6.30	4.82	12
400	4.95	.381	5.49	4.29	10
500	4.52	.250	4.91	4.15	10
600	4.21	.198	4.45	3.88	10
700	3.98	.161	4.14	3.66	10
800	3.73	.121	3.93	3.55	10
900	3.49	.064	3.57	3.40	9
1000	3.26	.059	3.35	3.15	7
1200	2.88	.071	2.99	2.77	5
1500	2.34	.051	2.40	2.28	2
2000	1.75	.021	1.76	1.73	2
2500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
380.4	23.10	421.7	346.7	12
379.2	23.35	420.8	346.7	12
363.4	30.07	419.2	313.9	12
333.0	36.99	417.8	276.0	12
282.5	14.10	305.6	254.7	12
257.0	13.13	274.8	231.1	12
229.5	19.25	265.8	198.5	12
194.4	16.90	230.7	171.8	12
169.2	10.05	188.5	152.7	12
154.3	6.46	164.0	141.5	12
145.3	4.66	153.5	136.7	12
139.5	4.20	146.1	131.7	12
134.7	4.05	140.9	127.4	12
127.5	3.23	132.0	123.0	12
115.2	3.44	121.3	110.5	12
104.0	3.80	109.2	96.9	10
95.0	3.24	98.5	89.5	10
87.6	2.68	90.4	83.3	10
80.8	2.26	83.3	77.5	10
75.2	2.03	77.4	71.8	9
69.5	1.71	71.9	66.8	9
61.5	1.69	63.6	58.9	7
52.2	1.11	53.7	50.9	5
40.9	.14	41.0	40.8	2
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	12
10	.381	.0219	.420	.350	15
20	.757	.0474	.840	.690	15
30	1.107	.0766	1.260	1.020	15
50	1.723	.1249	2.000	1.550	15
75	2.399	.1435	2.680	2.180	12
100	3.009	.1702	3.310	2.750	12
125	3.543	.2037	3.870	3.260	12
150	3.999	.2290	4.350	3.670	12
175	4.410	.2430	4.790	4.060	12
200	4.791	.2503	5.190	4.430	12
225	5.154	.2582	5.580	4.780	12
250	5.504	.2655	5.940	5.120	12
300	6.179	.2755	6.630	5.770	12
400	7.434	.2946	7.910	6.980	10
500	8.632	.3112	9.090	8.090	10
600	9.821	.3318	10.160	9.100	10
700	10.947	.3554	11.160	10.040	10
800	11.560	.3726	12.090	10.920	9
900	12.416	.4109	12.950	11.740	9
1000	13.218	.4230	13.760	12.520	9
1200	14.653	.4852	15.250	13.940	7
1500	16.406	.4471	16.970	15.840	5
2000	18.725	.1909	18.860	18.590	2
2500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	12
.02	.000	.02	.02	15
.08	.007	.09	.07	15
.17	.012	.19	.15	15
.42	.032	.49	.37	15
.85	.045	.92	.77	15
1.39	.077	1.48	1.27	15
2.00	.122	2.20	1.81	15
2.64	.185	2.93	2.38	12
3.32	.165	3.56	3.02	12
4.05	.192	4.40	3.75	12
4.83	.208	5.19	4.47	15
5.68	.221	6.04	5.27	15
6.59	.239	7.07	6.08	15
7.57	.277	7.97	7.08	15
12.04	.374	12.50	11.38	12
17.37	.534	18.01	16.40	10
23.25	.723	24.09	22.05	10
29.71	.924	30.79	28.26	10
36.68	1.116	37.93	34.97	10
44.20	1.278	45.44	42.11	9
51.97	1.436	53.29	49.62	9
68.33	1.968	70.13	65.57	7
94.58	2.659	97.43	91.66	5
140.83	.444	141.15	140.52	2
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.27	.050	6.30	6.23	2
10	6.30	.099	6.37	6.23	2
20	6.49	.120	6.57	6.40	2
30	6.74	.346	6.99	6.50	2
50	6.84	.304	7.05	6.62	3
75	6.68	.290	6.89	6.46	3
100	5.28	.233	5.45	5.12	3
125	4.00	.488	4.35	3.66	3
150	3.24	.148	3.34	3.13	2
175	2.95	.262	3.13	2.76	2
200	2.70	.368	2.96	2.44	2
225	2.45	.325	2.68	2.22	2
250	2.23	.283	2.43	2.03	2
300	1.88	.339	2.12	1.64	3
400	1.41	.509	1.77	1.05	3
500	.76	.382	1.03	.49	3
600	.53	.226	.69	.37	2
700	.47	.269	.66	.28	2
800	.44	.269	.63	.25	2
900	.42	.191	.55	.28	2
1000	.38	.120	.48	.31	2
1200	.32	.148	.63	.42	2
1500	.79	.134	.89	.70	2
2000	1.51	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1500	2.7	1505	1496	12
1500	3.0	1506	1496	15
1498	4.2	1506	1490	15
1494	6.1	1506	1482	15
1485	3.4	1490	1478	12
1481	2.9	1485	1475	12
1480	2.1	1483	1476	12
1481	1.9	1483	1477	12
1480	1.8	1483	1478	12
1480	1.8	1483	1476	12
1480	2.0	1482	1477	12
1480	2.0	1482	1475	12
1479	2.0	1481	1475	12
1478	2.0	1480	1474	12
1477	2.0	1478	1473	12
1476	1.6	1478	1475	10
1476	1.2	1478	1475	10
1477	1.0	1478	1476	10
1477	.8	1479	1477	10
1478	.7	1479	1478	9
1479	.3	1480	1479	9
1480	.4	1482	1481	7
1481	.5	1484	1484	5
1484	.0	1490	1490	2
1490	.0	n/a	n/a	0
n/a	n/a			

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.218	.4237	13.761	12.517	9
10	12.836	.4092	13.339	12.156	9
20	12.462	.3923	12.919	11.799	9
30	12.116	.3698	12.553	11.463	9
50	11.508	.3458	11.939	10.869	9
75	10.832	.3321	11.236	10.206	9
100	10.212	.3012	10.555	9.653	9
125	9.673	.2736	9.936	9.183	9
150	9.214	.2612	9.499	8.773	9
175	8.801	.2501	9.079	8.397	9
200	8.419	.2415	8.687	8.041	9
225	8.054	.2318	8.310	7.696	9
250	7.702	.2337	7.948	7.345	9
300	7.025	.2054	7.241	6.682	9
400	5.762	.1713	5.932	5.463	9
500	4.607	.1296	4.725	4.373	9
600	3.552	.0927	3.643	3.391	9
700	2.574	.0639	2.639	2.464	9
800	1.657	.0395	1.701	1.590	9
900	.802	.0180	.822	.771	9
1000	.000	.0000	.000	.000	7
1200	-1.473	.0391	-1.419	-1.513	5
1500	-3.419	.0894	-3.321	-3.521	5
2000	-6.084	.0198	-6.070	-6.098	8
2500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	15.62	.801	17.18	14.07	26
10	15.41	.867	17.03	13.98	26
20	14.58	1.234	16.93	12.09	26
30	12.92	1.745	15.89	9.62	26
50	9.54	1.099	12.41	7.89	26
75	8.04	.731	9.42	6.85	26
100	7.60	.514	8.42	6.86	26
125	7.43	.316	7.95	6.93	26
150	7.25	.294	7.80	6.83	26
175	7.01	.321	7.63	6.51	26
200	6.75	.331	7.36	6.27	26
225	6.48	.335	7.14	5.97	26
250	6.23	.359	7.05	5.57	26
300	5.76	.351	6.70	5.16	26
400	5.06	.302	5.87	4.59	25
500	4.59	.237	5.31	4.23	22
600	4.30	.136	4.56	4.08	22
700	4.02	.104	4.25	3.82	22
800	3.79	.079	3.95	3.66	22
900	3.57	.072	3.69	3.40	22
1000	3.37	.067	3.50	3.26	22
1200	2.97	.066	3.07	2.86	22
1500	2.46	.052	2.55	2.37	12
2000	1.95	.021	1.98	1.93	6
2500	1.76	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.029	.2652	32.425	31.224	26
32.044	.2497	32.428	31.212	26
32.125	.1703	32.438	31.731	26
32.217	.1763	32.471	31.885	26
32.429	.1146	32.610	32.059	26
32.611	.1136	32.860	32.418	26
32.972	.2030	33.437	32.645	26
33.424	.1702	33.740	32.977	26
33.687	.0881	33.838	33.519	26
33.816	.0609	33.894	33.660	26
33.880	.0420	33.936	33.780	26
33.907	.0353	33.953	33.826	26
33.927	.0359	33.977	33.830	26
33.953	.0318	34.002	33.867	26
34.010	.0321	34.076	33.967	25
34.082	.0292	34.153	34.038	22
34.162	.0304	34.224	34.089	22
34.231	.0294	34.284	34.164	22
34.292	.0257	34.331	34.238	22
34.343	.0238	34.380	34.296	22
34.387	.0218	34.435	34.345	22
34.450	.0212	34.495	34.412	22
34.520	.0123	34.540	34.503	12
34.594	.0158	34.606	34.566	6
34.650	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.572	.2757	24.067	22.940	26
10	23.628	.2353	24.068	23.166	26
20	23.864	.2280	24.296	23.370	26
30	24.264	.3481	24.788	23.599	26
50	25.039	.2322	25.333	24.255	26
75	25.414	.1572	25.735	25.056	26
100	25.763	.1855	26.089	25.406	26
125	26.141	.1435	26.375	25.718	26
150	26.373	.0847	26.543	26.168	26
175	26.507	.0612	26.614	26.378	26
200	26.593	.0528	26.682	26.430	26
225	26.650	.0449	26.730	26.500	26
250	26.697	.0419	26.773	26.565	26
300	26.778	.0347	26.852	26.677	26
400	26.907	.0391	26.968	26.797	25
500	27.016	.0391	27.076	26.900	22
600	27.112	.0331	27.159	27.025	22
700	27.195	.0275	27.235	27.118	22
800	27.267	.0243	27.299	27.208	22
900	27.329	.0206	27.361	27.288	22
1000	27.384	.0200	27.425	27.345	22
1200	27.471	.0189	27.508	27.435	22
1500	27.572	.0127	27.595	27.553	12
2000	27.672	.0132	27.684	27.651	6
2500	27.732	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
432.8	26.32	493.1	385.6	26
427.7	22.45	471.7	385.7	26
405.4	21.78	452.6	364.1	26
367.5	33.25	431.0	317.4	26
293.9	22.18	368.7	265.8	26
258.4	15.04	292.7	227.8	26
225.6	17.67	259.6	194.5	26
190.1	13.63	230.3	167.8	26
168.4	8.08	188.0	152.4	26
156.0	5.87	168.4	145.7	26
148.2	5.11	163.8	139.6	26
143.0	4.38	157.4	135.2	26
138.7	4.13	151.6	131.3	26
131.4	3.47	141.6	124.2	26
119.8	3.89	130.8	113.6	25
110.1	3.91	121.8	104.0	22
101.7	3.26	110.2	97.1	22
94.3	2.63	101.9	90.5	22
88.0	2.36	93.8	84.9	22
82.5	2.01	86.5	79.5	22
77.7	1.95	81.4	73.9	22
69.8	1.82	73.4	66.1	22
60.5	1.31	62.5	58.0	12
51.4	1.16	53.2	50.2	6
46.7	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	15.62	.801	17.18	14.07	26
10	15.41	.867	17.03	13.98	26
20	14.58	1.235	16.93	12.08	26
30	12.92	1.744	15.89	9.62	26
50	9.54	1.099	12.40	7.89	26
75	8.04	.732	9.41	6.84	26
100	7.59	.514	8.41	6.85	26
125	7.42	.316	7.94	6.92	26
150	7.24	.295	7.79	6.81	26
175	6.99	.320	7.61	6.49	26
200	6.74	.330	7.34	6.26	26
225	6.46	.335	7.12	5.95	26
250	6.21	.358	7.03	5.55	26
300	5.73	.350	6.67	5.13	26
400	5.02	.301	5.84	4.56	25
500	4.55	.236	5.27	4.19	22
600	4.25	.135	4.52	4.04	22
700	3.97	.104	4.20	3.77	22
800	3.73	.079	3.89	3.60	22
900	3.51	.071	3.63	3.34	22
1000	3.30	.069	3.43	3.19	22
1200	2.88	.064	2.98	2.78	22
1500	2.35	.051	2.44	2.27	12
2000	1.81	.020	1.84	1.79	6
2500	1.58	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
432.8	26.32	493.1	385.6	26
427.4	22.46	471.5	385.4	26
404.9	21.76	452.0	363.6	26
366.7	33.16	430.1	316.8	26
292.9	22.09	367.5	264.9	26
257.2	14.95	291.2	226.6	26
224.0	17.63	257.9	193.0	26
188.0	13.62	228.2	165.8	26
166.0	8.04	185.4	149.9	26
153.2	5.81	165.5	143.0	26
145.1	5.00	160.5	136.6	26
139.6	4.26	153.8	132.0	26
135.1	3.98	147.7	127.9	26
127.5	3.27	137.0	120.5	26
115.2	3.70	125.5	109.3	25
104.8	3.70	115.7	99.1	22
95.6	3.12	103.8	91.2	22
87.7	2.60	94.9	83.9	22
80.8	2.29	86.4	77.8	22
74.9	1.96	78.8	71.9	22
69.6	1.90	73.3	65.8	22
61.3	1.76	64.7	57.8	22
51.7	1.17	53.4	49.5	12
42.0	1.21	44.0	40.9	6
36.1	n/a	n/a	n/a	1

STATION MP08 A U G U S T 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	26
10	.433	.0255	.490	.390	26
20	.852	.0417	.920	.770	26
30	1.240	.0519	1.350	1.140	26
50	1.903	.0957	2.110	1.750	26
75	2.592	.1343	2.920	2.370	26
100	3.193	.1690	3.610	2.890	26
125	3.713	.2003	4.230	3.350	26
150	4.160	.2200	4.750	3.740	26
175	4.565	.2288	5.180	4.110	26
200	4.943	.2337	5.580	4.470	26
225	5.307	.2402	5.960	4.810	26
250	5.659	.2433	6.320	5.150	26
300	6.334	.2506	7.000	5.800	26
400	7.562	.2321	7.970	7.000	25
500	8.697	.2607	9.120	8.090	22
600	9.754	.2781	10.180	9.100	22
700	10.733	.2937	11.160	10.030	22
800	11.644	.3112	12.080	10.910	22
900	12.496	.3266	12.940	11.730	22
1000	13.296	.3411	13.740	12.510	22
1200	14.770	.3680	15.240	13.950	22
1500	16.663	.4192	17.150	15.860	12
2000	19.493	.4242	19.960	18.830	6
2500	21.270	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	26
.02	.002	.03	.02	26
.09	.005	.09	.08	26
.19	.010	.21	.17	26
.45	.032	.53	.41	26
.89	.057	1.05	.81	26
1.43	.087	1.66	1.28	26
2.02	.126	2.37	1.80	26
2.65	.157	3.09	2.35	26
3.32	.177	3.81	2.96	26
4.04	.192	4.58	3.64	26
4.83	.207	5.40	4.39	26
5.68	.221	6.27	5.21	26
7.57	.253	8.18	7.03	26
12.02	.313	12.57	11.31	25
17.28	.474	18.16	16.29	22
23.20	.639	24.54	21.94	22
29.68	.808	31.56	28.13	22
36.64	.983	39.02	34.82	22
44.02	1.154	46.79	41.98	22
51.77	1.327	54.84	49.47	22
68.28	1.682	71.99	65.57	22
94.93	2.423	99.49	91.68	12
144.55	2.980	149.26	140.78	6
196.66	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.06	.334	6.43	5.78	3
10	6.03	.266	6.32	5.80	3
20	6.15	.138	6.25	5.99	3
30	6.39	.340	6.78	6.16	3
50	6.36	.575	6.80	5.71	3
75	6.20	.234	6.37	5.93	3
100	5.30	.105	5.41	5.20	3
125	4.20	.214	4.36	3.96	3
150	3.91	.300	4.22	3.62	3
175	3.80	.408	4.26	3.48	3
200	3.70	.526	4.25	3.20	3
225	3.39	.445	3.87	2.99	3
250	2.87	.624	3.53	2.29	3
300	2.36	.562	2.95	1.83	3
400	1.57	.530	2.15	1.11	3
500	1.11	.426	1.57	.73	3
600	.73	.320	1.10	.51	3
700	.56	.093	.67	.50	3
800	.38	.087	.48	.33	3
900	.38	.064	.45	.34	3
1000	.37	.036	.41	.34	3
1200	.43	.010	.44	.42	3
1500	.79	.085	.85	.73	2
2000	1.50	.049	1.53	1.46	2
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1506	2.5	1511	1501	26
1505	2.8	1510	1500	26
1503	4.2	1510	1494	26
1498	6.0	1508	1486	26
1486	4.0	1496	1480	26
1481	2.8	1486	1476	26
1480	2.1	1483	1477	26
1481	1.2	1483	1479	26
1481	1.2	1483	1479	26
1480	1.3	1483	1478	26
1480	1.4	1482	1478	26
1479	1.5	1482	1477	26
1479	1.5	1482	1476	26
1478	1.4	1481	1475	26
1476	1.3	1480	1474	25
1476	1.0	1479	1475	22
1477	.7	1478	1476	22
1477	.5	1478	1477	22
1478	.4	1479	1478	22
1479	.3	1479	1478	22
1480	.4	1480	1479	22
1481	.5	1482	1481	22
1484	.4	1485	1484	12
1491	.5	1491	1490	6
1498	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.296	.3416	13.745	12.507	22
10	12.864	.3303	13.310	12.121	22
20	12.445	.3210	12.879	11.732	22
30	12.061	.3102	12.448	11.363	22
50	11.411	.2919	11.854	10.753	22
75	10.728	.2753	11.222	10.135	22
100	10.128	.2563	10.658	9.616	22
125	9.616	.2499	10.175	9.162	22
150	9.174	.2439	9.737	8.770	22
175	8.772	.2367	9.334	8.394	22
200	8.393	.2284	8.947	8.038	22
225	8.031	.2204	8.577	7.694	22
250	7.679	.2125	8.219	7.358	22
300	7.004	.1965	7.523	6.706	22
400	5.748	.1611	6.182	5.506	22
500	4.599	.1256	4.928	4.419	22
600	3.541	.0932	3.766	3.411	22
700	2.563	.0658	2.705	2.474	22
800	1.653	.0414	1.737	1.593	22
900	.801	.0206	.845	.766	22
1000	.000	.0000	.000	.000	22
1200	-1.473	.0371	-1.402	-1.531	22
1500	-3.423	.0874	-3.269	-3.563	12
2000	-6.230	.1369	-6.073	-6.463	6
2500	-8.513	n/a	n/a	n/a	1

STATION MP08 S E P T E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	15.05	1.049	17.30	12.84	22
10	14.95	1.019	17.21	12.63	22
20	14.56	1.053	16.41	12.29	22
30	13.04	1.756	15.14	9.77	22
50	9.20	.970	11.45	7.54	22
75	7.76	.541	9.02	6.70	22
100	7.39	.405	8.23	6.72	22
125	7.28	.266	7.71	6.73	22
150	7.15	.310	7.58	6.59	22
175	6.94	.336	7.53	6.35	22
200	6.67	.330	7.27	6.13	22
225	6.39	.326	7.06	5.89	22
250	6.12	.338	6.87	5.59	22
300	5.67	.329	6.43	5.15	21
400	5.02	.264	5.53	4.59	20
500	4.59	.228	5.02	4.13	19
600	4.28	.168	4.63	3.95	19
700	4.02	.128	4.31	3.75	19
800	3.81	.102	4.01	3.59	18
900	3.60	.083	3.74	3.35	18
1000	3.39	.081	3.52	3.16	18
1200	2.98	.058	3.11	2.85	18
1500	2.47	.044	2.57	2.42	10
2000	1.95	.012	1.96	1.93	6
2500	1.77	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.117	.1697	32.470	31.750	22
32.110	.1623	32.460	31.770	22
32.133	.1455	32.469	31.930	22
32.255	.1675	32.600	31.980	22
32.532	.1136	32.760	32.246	22
32.715	.1976	33.250	32.470	22
33.024	.2796	33.600	32.589	22
33.418	.2279	33.770	32.950	22
33.691	.1482	33.862	33.397	22
33.826	.0787	33.955	33.676	22
33.879	.0524	33.990	33.788	22
33.905	.0438	34.000	33.826	22
33.918	.0392	34.009	33.834	22
33.941	.0378	34.000	33.862	21
34.011	.0352	34.064	33.939	20
34.084	.0314	34.134	34.014	19
34.164	.0291	34.206	34.114	19
34.233	.0250	34.277	34.180	19
34.294	.0246	34.338	34.248	18
34.346	.0214	34.382	34.307	18
34.389	.0157	34.416	34.365	18
34.450	.0171	34.489	34.428	18
34.514	.0176	34.549	34.494	10
34.586	.0088	34.597	34.574	6
34.639	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.761	.2694	24.196	23.154	22
10	23.776	.2539	24.237	23.175	22
20	23.876	.2295	24.379	23.488	22
30	24.271	.4086	25.079	23.650	22
50	25.176	.2016	25.508	24.577	22
75	25.538	.1798	26.004	25.246	22
100	25.833	.2164	26.248	25.456	22
125	26.158	.1706	26.423	25.819	22
150	26.389	.1122	26.546	26.136	22
175	26.525	.0697	26.677	26.336	22
200	26.602	.0556	26.745	26.459	22
225	26.660	.0465	26.783	26.559	22
250	26.705	.0426	26.820	26.630	22
300	26.780	.0351	26.873	26.704	21
400	26.912	.0354	26.996	26.863	20
500	27.018	.0251	27.072	26.979	19
600	27.115	.0216	27.164	27.081	19
700	27.196	.0225	27.243	27.156	19
800	27.266	.0220	27.314	27.227	18
900	27.329	.0197	27.362	27.299	18
1000	27.383	.0153	27.409	27.360	18
1200	27.470	.0152	27.502	27.448	18
1500	27.567	.0165	27.598	27.542	10
2000	27.666	.0072	27.674	27.657	6
2500	27.722	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
414.7	25.71	472.7	373.2	22
413.6	24.24	471.0	369.6	22
404.3	21.89	441.3	356.3	22
366.8	39.02	426.2	289.7	22
280.8	19.26	338.0	249.2	22
246.6	17.11	274.5	202.3	22
218.9	20.53	254.8	179.6	22
188.4	16.16	220.6	163.4	22
166.8	10.63	191.0	151.9	22
154.3	6.66	172.4	139.7	22
147.2	5.35	161.0	133.5	22
142.0	4.50	151.7	130.1	22
137.9	4.17	145.4	126.7	22
131.2	3.46	138.9	122.1	21
119.3	3.49	124.2	111.0	20
109.9	2.51	113.6	104.4	19
101.3	2.13	105.0	96.4	19
94.2	2.21	98.4	89.3	19
88.1	2.14	92.1	83.2	18
82.6	1.93	85.7	79.0	18
77.8	1.57	80.1	75.1	18
69.9	1.47	72.2	67.0	18
61.1	1.65	63.7	57.9	10
52.0	.64	52.8	51.2	6
47.6	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	15.05	1.049	17.30	12.84	22
10	14.95	1.020	17.21	12.63	22
20	14.56	1.053	16.41	12.28	22
30	13.04	1.756	15.13	9.77	22
50	9.19	.969	11.45	7.53	22
75	7.75	.541	9.01	6.69	22
100	7.38	.405	8.22	6.71	22
125	7.27	.267	7.70	6.71	22
150	7.14	.308	7.56	6.58	22
175	6.92	.337	7.51	6.33	22
200	6.65	.329	7.25	6.11	22
225	6.37	.326	7.04	5.87	22
250	6.09	.337	6.85	5.57	22
300	5.64	.327	6.40	5.13	21
400	4.99	.263	5.49	4.56	20
500	4.55	.225	4.97	4.10	19
600	4.23	.168	4.59	3.91	19
700	3.97	.129	4.26	3.70	19
800	3.75	.102	3.95	3.53	18
900	3.53	.084	3.67	3.28	18
1000	3.32	.081	3.45	3.09	18
1200	2.89	.056	3.02	2.77	18
1500	2.37	.044	2.47	2.32	10
2000	1.81	.012	1.82	1.79	6
2500	1.59	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
414.7	25.71	472.7	373.2	22
413.3	24.23	470.7	368.3	22
403.7	21.86	440.7	355.8	22
366.1	38.93	425.3	289.1	22
279.9	19.19	336.9	248.3	22
245.4	17.09	273.1	201.1	22
217.3	20.55	253.1	177.9	22
186.5	16.19	218.6	161.3	22
164.4	10.65	188.5	149.6	22
151.5	6.60	169.4	137.1	22
144.1	5.26	157.7	130.6	22
138.7	4.40	148.2	127.0	22
134.4	4.02	141.4	123.5	22
127.3	3.31	134.4	118.5	21
114.7	3.33	119.3	106.7	20
104.5	2.36	108.2	99.4	19
95.3	2.05	98.5	90.7	19
87.6	2.14	91.3	83.1	19
80.8	2.07	84.5	76.4	18
74.9	1.87	77.7	71.8	18
69.7	1.45	71.9	67.3	18
61.4	1.43	63.5	58.4	18
52.2	1.55	54.5	49.2	10
45.6	.67	43.4	41.8	6
37.0	n/a	n/a	n/a	1

STATION MP08 S E P T E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	22
10	.415	.0272	.480	.370	22
20	.825	.0451	.910	.740	22
30	1.217	.0605	1.320	1.060	22
50	1.855	.0891	2.000	1.600	22
75	2.510	.1164	2.690	2.170	22
100	3.090	.1520	3.330	2.640	22
125	3.599	.1866	3.920	3.070	22
150	4.041	.2122	4.430	3.460	22
175	4.440	.2285	4.880	3.840	22
200	4.817	.2381	5.300	4.210	22
225	5.178	.2483	5.690	4.560	22
250	5.528	.2543	6.060	4.910	22
300	6.211	.2675	6.760	5.570	21
400	7.456	.2967	8.040	6.790	20
500	8.605	.3257	9.240	7.920	19
600	9.660	.3426	10.320	8.960	19
700	10.636	.3588	11.320	9.910	19
800	11.548	.3867	12.260	10.780	18
900	12.403	.4012	13.140	11.610	18
1000	13.204	.4134	13.970	12.390	18
1200	14.679	.4326	15.480	13.850	18
1500	16.738	.4390	17.450	15.960	10
2000	19.572	.4322	19.940	18.810	6
2500	21.830	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	22
.02	.000	.02	.02	22
.08	.005	.09	.08	22
.18	.010	.20	.16	22
.44	.029	.49	.37	22
.86	.049	.97	.73	22
1.37	.086	1.54	1.15	22
1.96	.133	2.21	1.64	22
2.58	.175	2.93	2.20	22
3.24	.205	3.67	2.82	22
3.96	.226	4.47	3.52	22
4.74	.245	5.31	4.29	22
5.58	.263	6.21	5.13	22
7.49	.298	8.17	6.91	21
11.93	.403	12.75	11.04	20
17.20	.522	18.20	15.98	19
23.12	.636	24.25	21.60	19
29.58	.758	30.90	27.76	19
36.55	.938	38.10	34.33	18
43.93	1.091	45.70	41.37	18
51.71	1.238	53.73	48.84	18
68.22	1.516	70.61	64.87	18
95.58	1.901	97.82	92.34	10
146.20	2.134	149.20	143.64	6
201.84	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	5.82	.391	6.12	5.38	3
10	5.62	.743	6.13	4.77	3
20	5.38	1.186	6.13	4.01	3
30	5.54	1.137	6.36	4.24	3
50	5.36	1.669	6.63	3.47	3
75	5.30	1.625	6.43	3.44	3
100	4.30	.869	4.97	3.32	3
125	3.57	.831	4.38	2.72	3
150	2.90	.765	3.78	2.37	3
175	2.83	.692	3.62	2.35	3
200	2.92	.909	3.96	2.28	3
225	2.81	.809	3.73	2.22	3
250	2.64	.755	3.51	2.16	3
300	2.38	.438	2.69	2.07	3
400	1.53	.000	1.53	1.53	2
500	.84	.021	.85	.82	2
600	.57	.099	.64	.50	2
700	.46	.042	.49	.43	2
800	.38	.014	.39	.37	2
900	.38	.042	.41	.35	2
1000	.38	.092	.44	.31	2
1200	.42	.035	.45	.40	2
1500	.73	.064	.78	.69	2
2000	1.48	.085	1.54	1.42	2
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1504	3.3	1511	1497	22
1504	3.4	1511	1496	22
1503	3.6	1509	1495	22
1498	5.9	1505	1487	22
1485	3.6	1493	1479	22
1480	2.9	1485	1476	22
1480	1.7	1482	1477	22
1480	1.2	1482	1477	22
1480	1.3	1482	1478	22
1480	1.4	1482	1478	22
1480	1.3	1482	1477	22
1479	1.4	1482	1477	22
1478	1.4	1481	1476	22
1477	1.3	1480	1475	21
1476	1.2	1478	1474	20
1476	1.1	1478	1474	19
1477	.8	1478	1475	19
1477	.7	1479	1476	19
1478	.5	1479	1477	18
1479	.4	1480	1478	18
1480	.2	1480	1479	18
1481	.3	1482	1481	18
1484	.3	1485	1484	10
1491	.4	1491	1490	6
1498	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.205	.4142	13.969	12.389	18
10	12.787	.4124	13.576	12.017	18
20	12.376	.4079	13.184	11.636	18
30	11.987	.3906	12.790	11.250	18
50	11.357	.3445	12.031	10.665	18
75	10.699	.3117	11.275	10.025	18
100	10.117	.2773	10.634	9.471	18
125	9.605	.2450	10.045	9.001	18
150	9.161	.2261	9.537	8.591	18
175	8.761	.2118	9.115	8.229	18
200	8.384	.2001	8.729	7.888	18
225	8.023	.1891	8.352	7.559	18
250	7.673	.1794	7.985	7.238	18
300	7.000	.1607	7.272	6.615	18
400	5.748	.1260	5.959	5.457	18
500	4.599	.0990	4.776	4.378	18
600	3.543	.0778	3.687	3.376	18
700	2.567	.0584	2.671	2.444	18
800	1.656	.0364	1.717	1.585	18
900	.803	.0175	.830	.772	18
1000	.000	.0000	.000	.000	18
1200	-1.473	.0303	-1.424	-1.513	18
1500	-3.444	.0695	-3.299	-3.535	10
2000	-6.285	.0964	-6.171	-6.448	6
2500	-8.705	n/a	n/a	n/a	1

STATION MP08 O C T O B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.08	1.404	14.90	10.60	9
10	13.07	1.490	14.89	10.23	9
20	12.98	1.412	14.33	10.19	9
30	12.15	1.025	13.42	10.17	9
50	8.45	.556	9.45	7.81	9
75	7.57	.357	8.07	6.98	9
100	7.35	.343	7.81	6.73	9
125	7.31	.258	7.72	6.88	9
150	7.15	.199	7.46	6.89	9
175	6.92	.162	7.19	6.63	9
200	6.67	.168	6.85	6.34	9
225	6.41	.150	6.65	6.19	9
250	6.17	.140	6.39	5.95	9
300	5.82	.149	6.04	5.50	9
400	5.10	.217	5.35	4.77	8
500	4.67	.142	4.91	4.44	8
600	4.30	.131	4.52	4.09	8
700	4.05	.105	4.25	3.94	8
800	3.82	.094	3.99	3.65	8
900	3.60	.123	3.77	3.38	8
1000	3.38	.110	3.53	3.18	8
1200	2.96	.099	3.07	2.78	8
1500	2.43	.054	2.48	2.34	5
2000	1.94	.029	1.96	1.90	4
2500	1.78	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.197	.1545	32.510	32.005	9
32.200	.1530	32.495	32.003	9
32.210	.1420	32.488	32.003	9
32.277	.1289	32.508	32.074	9
32.581	.1035	32.801	32.466	9
32.818	.1909	33.216	32.614	9
33.208	.2368	33.618	32.908	9
33.587	.1304	33.801	33.398	9
33.805	.0569	33.870	33.693	9
33.888	.0471	33.961	33.794	9
33.928	.0324	33.998	33.885	9
33.950	.0405	34.037	33.898	9
33.961	.0380	34.040	33.906	9
33.992	.0476	34.089	33.915	9
34.039	.0275	34.089	33.990	8
34.114	.0430	34.209	34.068	8
34.181	.0393	34.249	34.117	8
34.249	.0351	34.304	34.192	8
34.308	.0301	34.365	34.269	8
34.363	.0258	34.420	34.337	8
34.398	.0234	34.447	34.366	8
34.457	.0200	34.496	34.436	8
34.514	.0105	34.524	34.500	5
34.593	.0059	34.597	34.587	4
34.629	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.222	.3084	24.627	23.853	9
10	24.228	.3202	24.699	23.850	9
20	24.253	.2938	24.709	23.910	9
30	24.467	.1662	24.715	24.226	9
50	25.332	.1403	25.569	25.089	9
75	25.646	.1740	25.976	25.423	9
100	25.983	.1800	26.284	25.725	9
125	26.285	.1089	26.449	26.108	9
150	26.480	.0619	26.541	26.348	9
175	26.576	.0473	26.653	26.483	9
200	26.642	.0426	26.740	26.586	9
225	26.693	.0416	26.789	26.644	9
250	26.733	.0364	26.815	26.694	9
300	26.801	.0329	26.878	26.762	9
400	26.924	.0352	27.002	26.882	8
500	27.033	.0322	27.094	26.993	8
600	27.126	.0285	27.171	27.087	8
700	27.207	.0343	27.261	27.163	8
800	27.277	.0286	27.324	27.237	8
900	27.342	.0252	27.380	27.305	8
1000	27.392	.0195	27.421	27.360	8
1200	27.477	.0203	27.510	27.451	8
1500	27.570	.0086	27.578	27.558	5
2000	27.673	.0035	27.676	27.668	4
2500	27.713	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
370.7	29.43	406.0	332.1	9
370.5	30.54	406.5	325.5	9
368.3	28.04	401.0	325.7	9
348.1	15.85	371.1	324.4	9
265.8	13.41	289.1	243.3	9
236.4	16.55	257.6	205.0	9
204.7	17.07	229.2	176.1	9
176.4	10.35	193.2	160.8	9
158.3	5.90	170.8	152.4	9
149.5	4.55	158.4	142.1	9
143.5	4.08	148.9	134.1	9
138.9	3.97	143.5	129.7	9
135.3	3.49	139.0	127.5	9
129.3	3.12	133.1	122.0	9
118.3	3.49	122.4	110.6	8
108.6	3.01	112.6	103.1	8
100.3	2.70	104.0	96.2	8
93.2	3.33	97.7	88.0	8
87.1	2.81	91.2	82.7	8
81.4	2.51	85.2	78.0	8
77.0	1.97	80.2	74.5	8
69.3	2.03	72.0	65.7	8
60.6	.87	61.6	59.5	5
51.2	.36	51.5	50.7	4
48.4	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.08	1.404	14.90	10.60	9
10	13.07	1.490	14.89	10.23	9
20	12.98	1.412	14.33	10.19	9
30	12.15	1.024	13.42	10.17	9
50	8.44	.554	9.44	7.81	9
75	7.56	.357	8.06	6.97	9
100	7.34	.343	7.80	6.72	9
125	7.30	.258	7.71	6.87	9
150	7.13	.202	7.45	6.87	9
175	6.90	.159	7.17	6.62	9
200	6.65	.166	6.83	6.33	9
225	6.39	.150	6.63	6.17	9
250	6.15	.140	6.37	5.93	9
300	5.79	.146	6.01	5.48	9
400	5.07	.217	5.32	4.74	8
500	4.63	.139	4.87	4.41	8
600	4.26	.130	4.47	4.05	8
700	4.00	.105	4.20	3.89	8
800	3.76	.093	3.93	3.59	8
900	3.53	.120	3.70	3.32	8
1000	3.31	.110	3.46	3.11	8
1200	2.88	.094	2.98	2.70	8
1500	2.33	.051	2.37	2.24	5
2000	1.80	.029	1.82	1.76	4
2500	1.60	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
370.7	29.43	406.0	332.1	9
370.2	30.52	406.2	325.3	9
367.8	28.00	400.4	324.3	9
347.4	15.83	370.3	323.7	9
265.0	13.33	288.1	242.5	9
235.2	16.52	256.3	203.8	9
203.1	17.09	227.6	174.5	9
174.3	10.33	191.1	158.8	9
155.8	5.86	168.3	150.0	9
146.7	4.50	155.5	139.3	9
140.4	4.02	145.7	131.1	9
135.5	3.95	140.2	126.4	9
131.2	3.45	135.5	124.0	9
125.2	3.14	128.9	117.9	9
113.5	3.35	117.5	106.1	8
103.2	3.03	106.9	97.4	8
94.3	2.72	98.0	90.0	8
86.5	3.24	90.7	81.5	8
79.8	2.71	83.6	75.4	8
73.6	2.37	77.1	70.0	8
68.9	1.87	71.9	66.1	8
60.8	1.87	63.2	57.7	8
51.8	.78	52.9	51.1	5
41.9	.26	42.3	41.7	4
37.8	n/a	n/a	n/a	1

STATION MP08 O C T O B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	9
10	.371	.0302	.410	.330	9
20	.740	.0587	.810	.650	9
30	1.103	.0784	1.190	.990	9
50	1.720	.0840	1.830	1.560	9
75	2.351	.1143	2.510	2.120	9
100	2.899	.1511	3.110	2.590	9
125	3.374	.1791	3.610	3.010	9
150	3.789	.1942	4.040	3.400	9
175	4.173	.2032	4.430	3.770	9
200	4.538	.2093	4.800	4.130	9
225	4.891	.2151	5.160	4.480	9
250	5.233	.2187	5.510	4.820	9
300	5.896	.2294	6.180	5.470	9
400	7.145	.2515	7.420	6.690	8
500	8.279	.2651	8.570	7.820	8
600	9.322	.2786	9.620	8.850	8
700	10.288	.2892	10.590	9.800	8
800	11.189	.3031	11.500	10.690	8
900	12.034	.3161	12.330	11.530	8
1000	12.824	.3294	13.120	12.300	8
1200	14.286	.3453	14.560	13.720	8
1500	16.340	.3592	16.550	15.700	5
2000	19.078	.3920	19.290	18.490	4
2500	21.770	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	9
.02	.000	.02	.02	9
.08	.005	.08	.07	9
.17	.012	.18	.15	9
.42	.017	.44	.38	9
.82	.038	.87	.74	9
1.31	.078	1.41	1.16	9
1.85	.116	2.00	1.64	9
2.43	.137	2.60	2.19	9
3.07	.153	3.26	2.81	9
3.76	.165	4.00	3.50	9
4.53	.180	4.79	4.25	9
5.36	.193	5.64	5.07	9
7.21	.220	7.53	6.89	9
11.62	.298	11.96	11.13	8
16.81	.405	17.14	16.00	8
22.65	.529	23.14	21.56	8
29.06	.678	29.82	27.71	8
35.94	.898	37.07	34.23	8
43.25	1.096	44.72	41.21	8
50.90	1.304	52.73	48.57	8
67.27	1.676	69.65	64.40	8
94.99	1.735	97.23	92.93	5
144.07	1.751	146.37	142.60	4
201.34	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1498	4.9	1504	1489	9
1498	5.1	1504	1488	9
1498	4.9	1502	1488	9
1495	3.5	1499	1488	9
1482	2.1	1486	1480	9
1480	1.4	1481	1477	9
1480	1.4	1481	1477	9
1480	1.0	1482	1479	9
1481	.9	1482	1480	9
1480	.6	1481	1479	9
1480	.7	1480	1478	9
1479	.7	1480	1478	9
1478	.5	1479	1478	9
1478	.5	1479	1477	9
1477	1.2	1478	1475	8
1477	.7	1478	1476	8
1477	.6	1478	1476	8
1477	.5	1478	1477	8
1478	.4	1479	1478	8
1479	.6	1480	1478	8
1480	.5	1480	1479	8
1482	.5	1482	1481	8
1484	.0	1484	1484	5
1491	.6	1491	1490	4
1498	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.824	.3281	13.120	12.303	8
10	12.449	.3050	12.719	11.959	8
20	12.074	.2811	12.318	11.615	8
30	11.709	.2643	11.940	11.270	8
50	11.096	.2532	11.309	10.652	8
75	10.465	.2356	10.695	10.029	8
100	9.912	.2293	10.168	9.461	8
125	9.437	.2311	9.723	8.977	8
150	9.020	.2313	9.323	8.563	8
175	8.637	.2264	8.944	8.198	8
200	8.271	.2199	8.579	7.854	8
225	7.918	.2122	8.222	7.525	8
250	7.575	.2050	7.875	7.204	8
300	6.914	.1918	7.197	6.577	8
400	5.677	.1652	5.920	5.403	8
500	4.545	.1354	4.748	4.341	8
600	3.502	.1084	3.669	3.348	8
700	2.535	.0807	2.659	2.420	8
800	1.634	.0489	1.711	1.566	8
900	.791	.0237	.827	.761	8
1000	.000	.0000	.000	.000	8
1200	-1.460	.0361	-1.413	-1.510	8
1500	-3.438	.0632	-3.376	-3.520	5
2000	-6.209	.0770	-6.126	-6.305	4
2500	-8.709	n/a	n/a	n/a	1

STATION MP08 N O V E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.58	.936	11.67	8.91	8
10	10.53	.903	11.67	8.91	8
20	10.53	.901	11.66	8.91	8
30	10.52	.899	11.66	8.91	8
50	10.01	1.099	11.64	8.46	8
75	7.87	.380	8.76	7.52	8
100	7.49	.305	8.14	7.09	8
125	7.25	.255	7.67	6.79	8
150	7.05	.221	7.31	6.76	8
175	6.83	.228	7.11	6.46	8
200	6.56	.189	6.79	6.21	8
225	6.30	.170	6.49	5.94	8
250	6.06	.175	6.24	5.72	8
300	5.61	.164	5.79	5.32	8
400	5.03	.117	5.19	4.92	8
500	4.57	.138	4.80	4.31	8
600	4.30	.121	4.51	4.14	8
700	4.03	.096	4.14	3.85	8
800	3.78	.032	3.82	3.73	8
900	3.56	.050	3.65	3.50	8
1000	3.35	.049	3.45	3.29	8
1200	2.98	.068	3.06	2.88	8
1500	2.46	.052	2.51	2.37	6
2000	1.93	.026	1.95	1.90	3
2500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.373	.0777	32.449	32.210	8
32.372	.0832	32.449	32.193	8
32.373	.0827	32.450	32.194	8
32.373	.0787	32.452	32.207	8
32.457	.1186	32.637	32.318	8
32.863	.3073	33.397	32.607	8
33.192	.3562	33.708	32.812	8
33.524	.2432	33.848	33.188	8
33.748	.1038	33.903	33.592	8
33.849	.0579	33.939	33.761	8
33.896	.0299	33.935	33.845	8
33.921	.0241	33.965	33.895	8
33.934	.0250	33.980	33.912	8
33.955	.0311	33.998	33.900	8
34.035	.0280	34.067	33.992	8
34.101	.0274	34.146	34.072	8
34.184	.0213	34.215	34.153	8
34.250	.0285	34.281	34.199	8
34.302	.0170	34.329	34.275	8
34.351	.0214	34.377	34.325	8
34.394	.0227	34.422	34.367	8
34.456	.0208	34.481	34.428	8
34.521	.0186	34.550	34.498	6
34.593	.0082	34.599	34.582	3
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.825	.2040	25.161	24.558	8
10	24.833	.1953	25.161	24.597	8
20	24.833	.1957	25.161	24.596	8
30	24.836	.1924	25.163	24.618	8
50	24.984	.2575	25.336	24.654	8
75	25.639	.2674	26.059	25.311	8
100	25.952	.2793	26.347	25.679	8
125	26.245	.1920	26.497	25.988	8
150	26.449	.0948	26.566	26.322	8
175	26.558	.0650	26.647	26.481	8
200	26.631	.0406	26.693	26.576	8
225	26.684	.0285	26.731	26.640	8
250	26.726	.0228	26.763	26.688	8
300	26.797	.0243	26.831	26.768	8
400	26.929	.0158	26.953	26.907	8
500	27.034	.0173	27.066	27.016	8
600	27.129	.0145	27.153	27.113	8
700	27.210	.0154	27.228	27.186	8
800	27.276	.0147	27.294	27.252	8
900	27.337	.0172	27.363	27.314	8
1000	27.391	.0182	27.419	27.367	8
1200	27.476	.0164	27.504	27.454	8
1500	27.573	.0195	27.604	27.551	6
2000	27.673	.0091	27.680	27.663	3
2500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
313.3	19.41	338.7	281.4	8
312.8	18.60	335.3	281.6	8
312.9	18.64	335.5	281.7	8
312.9	18.35	333.6	281.7	8
299.1	24.61	330.7	265.5	8
237.0	25.43	268.4	197.2	8
207.7	26.48	233.5	170.5	8
180.1	18.18	204.5	156.3	8
161.1	8.99	173.2	150.1	8
151.1	6.22	158.5	142.6	8
144.5	3.90	149.8	138.4	8
139.7	2.76	143.9	135.0	8
135.9	2.20	139.6	132.3	8
129.5	2.33	132.4	126.3	8
117.7	1.41	119.7	115.5	8
108.4	1.64	110.0	105.4	8
100.0	1.47	101.6	97.8	8
92.9	1.39	95.2	91.4	8
87.2	1.37	89.4	85.5	8
81.8	1.64	83.9	79.2	8
77.0	1.72	79.2	74.5	8
69.4	1.57	71.5	66.6	8
60.4	2.00	62.6	57.2	6
51.1	.92	52.1	50.3	3
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.58	.936	11.67	8.91	8
10	10.53	.903	11.67	8.91	8
20	10.53	.900	11.66	8.91	8
30	10.52	.899	11.66	8.91	8
50	10.00	1.098	11.63	8.45	8
75	7.86	.380	8.75	7.51	8
100	7.48	.305	8.13	7.08	8
125	7.24	.255	7.66	6.78	8
150	7.03	.222	7.30	6.75	8
175	6.81	.229	7.09	6.44	8
200	6.54	.189	6.77	6.19	8
225	6.28	.170	6.47	5.92	8
250	6.04	.177	6.22	5.70	8
300	5.59	.162	5.77	5.30	8
400	5.00	.117	5.16	4.89	8
500	4.53	.138	4.76	4.27	8
600	4.25	.121	4.46	4.09	8
700	3.97	.097	4.09	3.80	8
800	3.72	.032	3.76	3.67	8
900	3.49	.047	3.58	3.44	8
1000	3.28	.049	3.38	3.22	8
1200	2.89	.064	2.97	2.80	8
1500	2.35	.054	2.40	2.26	6
2000	1.79	.026	1.81	1.76	3
2500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
313.3	19.41	338.7	281.4	8
312.6	18.58	335.0	281.4	8
312.3	18.62	335.1	281.3	8
312.3	18.32	333.0	281.1	8
298.1	24.50	329.5	264.6	8
235.8	25.42	267.0	195.9	8
206.0	26.53	231.9	168.5	8
178.1	18.22	202.5	154.2	8
158.7	9.01	170.8	147.6	8
148.4	6.17	155.7	140.0	8
141.5	3.82	146.7	135.6	8
136.4	2.72	140.6	131.9	8
132.4	2.16	136.0	128.9	8
125.6	2.31	128.4	122.4	8
113.0	1.44	115.1	110.8	8
103.0	1.65	104.7	100.0	8
94.0	1.42	95.5	91.7	8
86.3	1.50	88.6	84.6	8
80.0	1.35	82.2	78.3	8
74.1	1.64	76.3	71.7	8
69.0	1.73	71.2	66.3	8
60.9	1.56	62.9	58.2	8
51.5	1.81	53.6	48.7	6
41.9	.83	42.8	41.2	3
n/a	n/a	n/a	n/a	0

STATION MP08 N O V E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	8
10	.314	.0200	.340	.280	8
20	.624	.0378	.670	.560	8
30	.939	.0569	1.010	.840	8
50	1.561	.0954	1.670	1.410	8
75	2.328	.1454	2.470	2.000	8
100	2.785	.1996	3.040	2.470	8
125	3.270	.2470	3.560	2.880	8
150	3.692	.2730	4.000	3.270	8
175	4.080	.2911	4.400	3.630	8
200	4.449	.3010	4.770	3.980	8
225	4.805	.3063	5.130	4.330	8
250	5.150	.3138	5.480	4.660	8
300	5.810	.3203	6.150	5.310	8
400	7.048	.3354	7.420	6.520	8
500	8.179	.3408	8.560	7.630	8
600	9.217	.3437	9.610	8.640	8
700	10.181	.3490	10.590	9.590	8
800	11.080	.3610	11.510	10.470	8
900	11.925	.3646	12.370	11.310	8
1000	12.719	.3719	13.180	12.100	8
1200	14.181	.3766	14.660	13.570	8
1500	16.040	.3971	16.580	15.500	6
2000	19.037	.4801	19.450	18.510	3
2500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	8
.02	.004	.02	.01	8
.06	.005	.07	.06	8
.14	.007	.15	.13	8
.40	.025	.43	.36	8
.82	.061	.91	.73	8
1.31	.113	1.46	1.15	8
1.87	.175	2.05	1.62	8
2.46	.218	2.68	2.16	8
3.10	.245	3.35	2.77	8
3.81	.267	4.07	3.44	8
4.58	.284	4.86	4.18	8
5.41	.296	5.70	4.99	8
7.27	.322	7.61	6.80	8
11.67	.374	12.08	11.12	8
16.85	.404	17.34	16.21	8
22.68	.440	23.24	21.89	8
29.06	.511	29.75	28.14	8
35.93	.605	36.81	34.92	8
43.25	.706	44.31	42.17	8
50.93	.839	52.20	49.77	8
67.29	1.102	69.05	66.12	8
93.91	1.872	96.58	91.53	6
145.14	2.771	147.60	142.14	3
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.39	.113	6.47	6.31	2
10	6.46	.021	6.48	6.45	2
20	6.46	.021	6.48	6.45	2
30	6.45	.042	6.48	6.42	2
50	6.37	.184	6.50	6.24	2
75	6.22	.453	6.54	5.90	2
100	5.15	.686	5.64	4.67	2
125	4.46	.686	4.95	3.98	2
150	4.06	.042	4.09	4.03	2
175	3.80	.028	3.82	3.78	2
200	3.57	.028	3.59	3.55	2
225	3.16	.297	3.37	2.95	2
250	2.94	.212	3.09	2.79	2
300	2.36	.247	2.53	2.18	2
400	1.33	.368	1.59	1.07	2
500	.83	.042	.86	.80	2
600	.51	.007	.52	.51	2
700	.37	.000	.37	.37	2
800	.37	.099	.44	.30	2
900	.43	.198	.57	.29	2
1000	.50	.262	.68	.31	2
1200	.64	.332	.87	.40	2
1500	.91	.283	1.11	.71	2
2000	1.43	.021	1.44	1.41	2
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1489	3.3	1493	1483	8
1489	3.2	1493	1483	8
1489	3.3	1493	1483	8
1490	3.1	1493	1484	8
1488	4.1	1494	1482	8
1481	1.5	1484	1480	8
1480	1.5	1483	1478	8
1480	1.1	1482	1478	8
1480	1.0	1481	1479	8
1480	1.1	1481	1478	8
1479	.7	1480	1478	8
1479	.8	1479	1477	8
1478	.8	1479	1477	8
1477	.8	1478	1476	8
1476	.8	1477	1476	8
1476	.5	1477	1475	8
1477	.6	1478	1476	8
1477	.5	1478	1477	8
1478	.0	1478	1478	8
1479	.0	1479	1479	8
1480	.5	1480	1479	8
1482	.5	1482	1481	8
1484	.0	1484	1484	6
1490	.6	1491	1490	3
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.719	.3720	13.179	12.098	8
10	12.406	.3611	12.852	11.816	8
20	12.093	.3505	12.524	11.535	8
30	11.780	.3409	12.196	11.253	8
50	11.158	.3174	11.540	10.687	8
75	10.490	.2634	10.855	10.098	8
100	9.934	.2044	10.256	9.628	8
125	9.450	.1560	9.706	9.215	8
150	9.027	.1320	9.241	8.830	8
175	8.638	.1189	8.828	8.465	8
200	8.269	.1117	8.444	8.114	8
225	7.914	.1064	8.077	7.773	8
250	7.570	.1019	7.724	7.439	8
300	6.907	.0931	7.042	6.791	8
400	5.672	.0821	5.789	5.561	8
500	4.542	.0703	4.640	4.439	8
600	3.501	.0588	3.586	3.415	8
700	2.538	.0461	2.605	2.472	8
800	1.639	.0319	1.681	1.589	8
900	.793	.0169	.815	.766	8
1000	.000	.0000	.000	.000	8
1200	-1.459	.0365	-1.406	-1.503	8
1500	-3.412	.0936	-3.257	-3.509	6
2000	-6.285	.1255	-6.142	-6.378	3
2500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.94	.961	11.50	8.24	17
10	9.92	.977	11.59	8.24	17
20	9.92	.982	11.60	8.20	17
30	9.92	.984	11.60	8.18	17
50	9.66	1.146	11.60	7.23	17
75	7.84	.530	9.00	6.83	17
100	7.26	.379	7.66	6.18	17
125	7.08	.201	7.41	6.80	17
150	6.94	.188	7.23	6.68	17
175	6.76	.188	7.04	6.45	17
200	6.55	.220	6.86	6.12	17
225	6.30	.241	6.62	5.81	17
250	6.03	.223	6.29	5.56	17
300	5.60	.254	5.96	4.99	17
400	4.99	.176	5.38	4.70	17
500	4.61	.140	4.85	4.37	17
600	4.31	.113	4.55	4.09	17
700	4.04	.088	4.28	3.89	17
800	3.81	.069	4.00	3.72	17
900	3.60	.060	3.71	3.51	17
1000	3.37	.060	3.48	3.27	17
1200	2.98	.052	3.05	2.90	16
1500	2.45	.034	2.50	2.39	10
2000	1.93	.038	1.96	1.89	3
2500	1.69	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.352	.0817	32.450	32.119	17
32.359	.0683	32.450	32.208	17
32.362	.0683	32.450	32.213	17
32.364	.0673	32.450	32.223	17
32.419	.0789	32.600	32.250	17
32.758	.1762	33.096	32.562	17
33.099	.2178	33.505	32.717	17
33.481	.1598	33.667	33.099	17
33.720	.0924	33.832	33.466	17
33.840	.0461	33.905	33.750	17
33.887	.0334	33.948	33.837	17
33.910	.0297	33.980	33.868	17
33.925	.0297	33.999	33.879	17
33.948	.0323	34.029	33.889	17
34.019	.0337	34.078	33.960	17
34.103	.0314	34.149	34.058	17
34.179	.0222	34.210	34.148	17
34.242	.0257	34.280	34.211	17
34.295	.0197	34.330	34.270	17
34.348	.0171	34.376	34.324	17
34.387	.0148	34.410	34.364	17
34.449	.0198	34.490	34.416	16
34.510	.0199	34.535	34.480	10
34.592	.0115	34.600	34.577	3
34.637	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.916	.1647	25.231	24.702	17
10	24.924	.1599	25.231	24.687	17
20	24.927	.1591	25.237	24.697	17
30	24.929	.1606	25.248	24.697	17
50	25.012	.1954	25.523	24.722	17
75	25.560	.1871	25.927	25.235	17
100	25.910	.1650	26.233	25.642	17
125	26.235	.1217	26.414	25.954	17
150	26.441	.0735	26.530	26.241	17
175	26.559	.0448	26.618	26.461	17
200	26.625	.0332	26.691	26.563	17
225	26.676	.0312	26.738	26.617	17
250	26.723	.0253	26.769	26.681	17
300	26.794	.0272	26.850	26.743	17
400	26.921	.0279	26.975	26.883	17
500	27.031	.0249	27.072	26.990	17
600	27.124	.0200	27.158	27.090	17
700	27.202	.0195	27.239	27.169	17
800	27.267	.0175	27.301	27.241	17
900	27.330	.0143	27.353	27.312	17
1000	27.383	.0109	27.402	27.366	17
1200	27.470	.0158	27.500	27.448	16
1500	27.564	.0147	27.584	27.540	10
2000	27.672	.0084	27.677	27.663	3
2500	27.727	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
304.7	15.68	325.0	274.7	17
304.1	15.25	326.7	274.8	17
304.0	15.19	326.0	274.4	17
304.0	15.35	326.2	273.5	17
296.5	18.69	324.2	247.6	17
244.5	17.82	275.6	209.6	17
211.5	15.65	236.9	180.9	17
181.1	11.51	207.6	164.1	17
161.8	6.97	180.6	153.3	17
151.0	4.26	160.3	145.3	17
145.0	3.21	151.0	138.6	17
140.5	3.02	146.2	134.3	17
136.2	2.46	140.3	131.6	17
129.8	2.69	134.8	124.1	17
118.4	2.70	122.1	113.3	17
108.7	2.42	112.7	104.8	17
100.6	1.95	103.8	97.1	17
93.7	1.85	96.9	90.1	17
88.0	1.71	90.6	84.7	17
82.5	1.40	84.2	80.3	17
77.7	1.12	79.3	75.9	17
69.9	1.46	71.8	67.0	16
61.2	1.29	63.4	59.3	10
51.5	.49	51.8	50.9	3
46.6	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.94	.961	11.50	8.24	17
10	9.92	.977	11.59	8.24	17
20	9.92	.982	11.60	8.20	17
30	9.91	.984	11.60	8.18	17
50	9.65	1.144	11.59	7.23	17
75	7.83	.530	8.99	6.82	17
100	7.25	.379	7.65	6.17	17
125	7.07	.201	7.40	6.79	17
150	6.93	.188	7.22	6.67	17
175	6.75	.187	7.02	6.43	17
200	6.53	.220	6.84	6.10	17
225	6.28	.241	6.60	5.79	17
250	6.01	.223	6.27	5.54	17
300	5.57	.252	5.93	4.97	17
400	4.96	.176	5.35	4.67	17
500	4.57	.140	4.81	4.33	17
600	4.26	.115	4.51	4.04	17
700	3.99	.087	4.23	3.84	17
800	3.75	.068	3.94	3.66	17
900	3.54	.061	3.64	3.44	17
1000	3.30	.060	3.41	3.20	17
1200	2.89	.053	2.97	2.81	16
1500	2.35	.033	2.40	2.29	10
2000	1.79	.038	1.82	1.75	3
2500	1.51	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
304.7	15.68	325.0	274.7	17
303.9	15.21	326.4	274.7	17
303.6	15.13	325.5	274.1	17
303.4	15.29	325.5	273.0	17
295.5	18.59	323.0	246.8	17
243.3	17.78	274.2	208.4	17
210.0	15.70	235.5	179.3	17
179.2	11.55	205.8	162.2	17
159.5	6.97	178.5	151.1	17
148.2	4.24	157.6	142.7	17
142.0	3.16	147.9	135.7	17
137.2	2.93	142.7	131.3	17
132.7	2.38	136.7	128.4	17
125.9	2.59	130.8	120.6	17
113.8	2.65	117.4	108.7	17
103.4	2.35	107.2	99.5	17
94.5	1.88	97.7	91.2	17
87.0	1.85	90.1	83.5	17
80.7	1.65	83.2	77.6	17
74.7	1.36	76.5	72.6	17
69.7	1.10	71.3	67.9	17
61.4	1.46	63.5	58.6	16
52.4	1.38	54.7	50.5	10
42.0	.69	42.8	41.6	3
36.6	n/a	n/a	n/a	1

STATION MP08 D E C E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	17
10	.306	.0150	.330	.280	17
20	.608	.0311	.650	.550	17
30	.914	.0447	.980	.830	17
50	1.520	.0751	1.630	1.370	17
75	2.201	.0882	2.340	2.030	17
100	2.769	.1170	2.940	2.560	17
125	3.258	.1466	3.490	3.010	17
150	3.684	.1644	3.980	3.410	17
175	4.074	.1733	4.400	3.790	17
200	4.444	.1798	4.790	4.150	17
225	4.798	.1854	5.160	4.500	17
250	5.145	.1910	5.520	4.840	17
300	5.810	.1995	6.200	5.500	17
400	7.046	.2197	7.470	6.700	17
500	8.182	.2404	8.650	7.800	17
600	9.228	.2575	9.730	8.810	17
700	10.198	.2715	10.740	9.750	17
800	11.106	.2817	11.670	10.630	17
900	11.959	.2894	12.530	11.460	17
1000	12.759	.2946	13.340	12.250	17
1200	14.224	.3068	14.820	13.730	16
1500	16.177	.3239	16.780	15.690	10
2000	18.863	.1305	19.010	18.760	3
2500	21.190	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	17
.02	.004	.02	.01	17
.06	.004	.07	.06	17
.14	.007	.15	.13	17
.39	.020	.42	.35	17
.82	.034	.87	.75	17
1.32	.066	1.41	1.17	17
1.85	.100	2.03	1.66	17
2.48	.128	2.71	2.22	17
3.12	.144	3.41	2.84	17
3.83	.156	4.15	3.53	17
4.60	.170	4.95	4.29	17
5.44	.182	5.82	5.12	17
7.30	.213	7.74	6.96	17
11.71	.300	12.27	11.17	17
16.91	.404	17.66	16.17	17
22.77	.506	23.71	21.90	17
29.20	.616	30.36	28.21	17
36.14	.726	37.48	34.95	17
43.52	.833	44.99	42.10	17
51.27	.915	52.79	49.72	17
67.75	1.099	69.39	65.74	16
95.00	1.187	96.36	93.28	10
143.93	1.240	145.28	142.84	3
198.65	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1487	3.6	1492	1480	17
1487	3.6	1493	1481	17
1487	3.6	1493	1481	17
1487	3.6	1493	1481	17
1487	4.2	1494	1478	17
1481	2.0	1485	1477	17
1479	1.6	1481	1475	17
1479	.9	1481	1478	17
1480	.9	1481	1478	17
1479	.8	1481	1478	17
1479	.9	1480	1477	17
1479	1.0	1480	1477	17
1478	1.0	1479	1476	17
1477	1.2	1479	1474	17
1476	.8	1478	1475	17
1476	.7	1477	1475	17
1477	.6	1478	1476	17
1477	.6	1479	1477	17
1478	.3	1479	1478	17
1479	.0	1479	1479	17
1480	.4	1480	1479	17
1481	.5	1482	1481	16
1484	.3	1485	1484	10
1491	.6	1491	1490	3
1498	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.759	.2952	13.340	12.247	17
10	12.455	.2860	13.014	11.971	17
20	12.151	.2774	12.688	11.697	17
30	11.847	.2692	12.362	11.419	17
50	11.240	.2539	11.709	10.831	17
75	10.558	.2336	11.000	10.155	17
100	9.991	.2056	10.401	9.631	17
125	9.502	.1814	9.848	9.178	17
150	9.075	.1655	9.363	8.772	17
175	8.686	.1561	8.939	8.396	17
200	8.317	.1484	8.552	8.042	17
225	7.960	.1419	8.182	7.702	17
250	7.615	.1360	7.823	7.369	17
300	6.951	.1261	7.140	6.733	17
400	5.713	.1016	5.865	5.525	17
500	4.577	.0792	4.690	4.435	17
600	3.531	.0599	3.610	3.413	17
700	2.561	.0433	2.609	2.477	17
800	1.653	.0267	1.685	1.605	17
900	.801	.0122	.817	.781	17
1000	.000	.0000	.000	.000	17
1200	-1.474	.0264	-1.422	-1.505	16
1500	-3.457	.0480	-3.369	-3.524	10
2000	-6.221	.0711	-6.156	-6.297	3
2500	-8.593	n/a	n/a	n/a	1

Table 22. As in Table 14, for Station 5 (P08).

Table 22: STATION MP08 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

SIGMA -T.	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
23.40	15.87	.905	16.84	13.83	10	31.908	.2367	32.166	31.398	10
23.60	15.39	.665	16.37	13.30	21	32.024	.1897	32.296	31.527	21
23.80	14.65	.653	15.93	12.84	34	32.077	.1636	32.416	31.638	34
24.00	13.94	.644	15.11	12.43	52	32.148	.1679	32.449	31.736	52
24.20	13.14	.603	14.53	11.63	64	32.209	.1493	32.544	31.840	64
24.40	12.30	.613	13.77	10.06	79	32.258	.1474	32.603	31.740	79
24.60	11.50	.561	12.80	9.51	87	32.324	.1268	32.615	31.864	87
24.80	10.56	.544	11.83	9.04	109	32.361	.1191	32.631	32.030	109
25.00	9.69	.481	10.84	7.95	129	32.421	.1009	32.656	32.073	129
25.20	8.85	.442	10.27	7.61	166	32.500	.0886	32.784	32.256	166
25.40	8.09	.484	10.29	7.08	195	32.607	.0947	33.045	32.418	195
25.60	7.64	.564	10.11	6.04	208	32.780	.1059	33.264	32.501	208
25.80	7.45	.518	9.75	6.26	208	33.001	.0954	33.443	32.791	208
26.00	7.36	.428	9.25	6.45	208	33.237	.0782	33.594	33.076	208
26.20	7.28	.379	8.84	6.46	208	33.476	.0682	33.767	33.331	208
26.40	7.13	.321	8.16	6.42	208	33.703	.0567	33.890	33.580	208
26.60	6.68	.227	7.30	6.15	207	33.879	.0389	33.985	33.789	207
26.80	5.59	.331	6.25	4.93	203	33.957	.0356	34.060	33.857	203
27.00	4.66	.175	5.05	4.16	185	34.072	.0246	34.128	34.003	185
27.10	4.33	.143	4.78	3.88	184	34.153	.0194	34.214	34.093	184
27.20	4.02	.111	4.29	3.62	184	34.238	.0148	34.273	34.186	184
27.30	3.69	.090	3.90	3.38	183	34.322	.0119	34.349	34.283	183
27.40	3.30	.089	3.56	3.07	179	34.400	.0104	34.430	34.373	179
27.50	2.83	.097	3.14	2.56	157	34.471	.0104	34.506	34.441	157
27.60	2.31	.074	2.54	2.13	53	34.542	.0068	34.563	34.525	53

SIGMA -T.	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
23.40	12	5.4	25	6	10	449.4	.20	449.9	449.2	10
23.60	18	5.9	30	7	21	430.5	.20	430.9	430.1	21
23.80	22	8.6	45	3	34	411.5	.25	412.1	411.1	34
24.00	26	8.0	47	6	52	392.5	.20	393.0	392.0	52
24.20	27	9.0	49	2	64	373.4	.23	373.9	372.9	64
24.40	29	9.3	55	1	79	354.3	.22	354.9	353.8	79
24.60	33	9.2	59	9	87	335.3	.21	335.9	334.7	87
24.80	36	11.9	64	0	109	316.3	.25	317.0	315.7	109
25.00	43	12.2	73	2	129	297.4	.25	298.0	296.7	129
25.20	53	15.9	120	14	166	278.5	.30	280.0	277.8	166
25.40	68	18.7	135	11	195	259.6	.34	261.3	258.8	195
25.60	83	16.2	146	47	208	240.8	.31	242.4	240.2	208
25.80	95	16.2	158	50	208	221.9	.30	223.6	221.3	208
26.00	107	17.4	180	63	208	203.1	.31	205.0	202.5	208
26.20	122	18.8	206	73	208	184.4	.33	186.3	183.7	208
26.40	145	20.6	248	90	208	165.8	.36	167.8	165.0	208
26.60	193	25.5	322	136	207	147.4	.41	149.5	146.5	207
26.80	308	33.1	456	233	203	129.3	.47	131.7	128.6	203
27.00	473	34.4	609	396	185	111.4	.42	113.2	110.5	185
27.10	573	34.9	702	487	184	102.6	.36	103.7	101.6	184
27.20	695	36.2	830	591	184	93.8	.31	94.8	93.1	184
27.30	838	38.5	964	737	183	85.1	.28	85.9	84.4	183
27.40	1020	40.8	1147	926	179	76.2	.24	77.0	75.6	179
27.50	1262	51.0	1408	1089	157	67.2	.20	67.8	66.6	157
27.60	1600	66.5	1721	1417	53	58.1	.25	58.6	57.1	53

SIGMA -T.	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
23.40	15.87	.904	16.84	13.83	10	446.9	2.55	449.0	442.2	10
23.60	15.39	.663	16.36	13.30	21	428.3	2.10	430.0	422.6	21
23.80	14.65	.652	15.92	12.84	34	409.3	1.65	410.9	405.1	34
24.00	13.94	.644	15.11	12.42	52	390.0	2.01	391.9	384.4	52
24.20	13.13	.603	14.53	11.63	64	370.1	2.75	372.7	361.7	64
24.40	12.29	.613	13.77	10.06	79	351.1	3.00	353.7	341.1	79
24.60	11.50	.561	12.80	9.51	87	332.1	2.84	334.7	322.6	87
24.80	10.56	.543	11.82	9.03	109	313.7	2.18	315.7	305.6	109
25.00	9.69	.480	10.84	7.95	129	295.4	1.59	296.6	288.9	129
25.20	8.85	.441	10.26	7.61	166	276.7	1.07	277.6	272.0	166
25.40	8.08	.483	10.27	7.08	195	258.0	.75	258.6	255.0	195
25.60	7.63	.563	10.09	6.03	208	238.9	.72	239.5	236.2	208
25.80	7.44	.517	9.73	6.26	208	219.9	.60	220.5	216.7	208
26.00	7.35	.427	9.23	6.45	208	201.1	.45	201.5	199.0	208
26.20	7.27	.378	8.82	6.45	208	182.2	.23	182.5	181.4	208
26.40	7.12	.320	8.13	6.41	208	163.3	.12	163.5	162.9	208
26.60	6.67	.226	7.29	6.13	207	144.3	.08	144.4	143.7	207
26.80	5.57	.330	6.23	4.91	203	125.2	.15	125.4	124.7	203
27.00	4.62	.173	5.01	4.12	185	106.2	.10	106.4	105.9	185
27.10	4.28	.143	4.73	3.84	184	96.7	.06	96.8	96.5	184
27.20	3.97	.111	4.24	3.57	184	87.2	.05	87.2	87.0	184
27.30	3.63	.092	3.85	3.32	183	77.6	.05	77.7	77.5	183
27.40	3.23	.091	3.49	2.99	179	68.0	.08	68.1	67.8	179
27.50	2.74	.099	3.06	2.46	157	58.3	.11	58.6	58.1	157
27.60	2.20	.077	2.44	2.01	53	48.7	.14	49.1	48.4	53

STATION MP08 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	.566	.2455	1.150	.300	10
23.60	.787	.2587	1.300	.320	21
23.80	.970	.3636	1.920	.140	34
24.00	1.077	.3386	2.000	.240	52
24.20	1.125	.3828	2.080	.090	64
24.40	1.175	.3947	2.290	.040	79
24.60	1.274	.3916	2.420	.340	87
24.80	1.341	.4724	2.600	.000	109
25.00	1.524	.4643	2.860	.060	129
25.20	1.761	.5404	3.530	.420	166
25.40	2.121	.5964	3.920	.290	195
25.60	2.474	.5477	4.190	1.260	208
25.80	2.754	.5585	4.470	1.370	208
26.00	3.004	.5831	4.950	1.650	208
26.20	3.291	.6091	5.460	1.820	208
26.40	3.692	.6337	6.200	2.110	208
26.60	4.444	.6797	7.390	2.850	207
26.80	6.029	.7448	9.260	4.350	203
27.00	8.027	.7477	11.060	6.290	185
27.10	9.113	.7478	12.060	7.480	184
27.20	10.317	.7522	13.220	8.790	184
27.30	11.611	.7663	14.460	9.990	183
27.40	13.082	.7750	15.930	11.480	179
27.50	14.789	.7516	16.670	12.950	157
27.60	16.847	.7876	18.500	15.270	53

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.04	.041	.15	.01	10
.08	.050	.20	.01	21
.13	.093	.44	.00	34
.15	.095	.48	.01	52
.17	.104	.52	.00	64
.19	.112	.64	.00	79
.22	.120	.71	.02	87
.27	.147	.82	.00	109
.35	.173	1.01	.00	129
.50	.311	2.18	.03	166
.76	.396	2.70	.02	195
1.03	.418	3.09	.30	208
1.29	.457	3.53	.34	208
1.56	.528	4.35	.51	208
1.90	.626	5.37	.66	208
2.45	.773	7.09	.91	208
3.77	1.108	10.55	1.77	207
7.87	1.835	18.02	4.48	203
15.85	2.573	26.06	10.75	185
21.89	2.950	34.92	15.45	184
29.54	3.453	44.23	22.92	184
39.75	4.060	55.52	30.53	183
53.87	4.800	71.78	44.48	179
74.24	6.959	92.61	56.80	157
105.02	8.230	121.75	85.22	53

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	12.715	.2163	13.010	12.459	9
23.60	12.629	.2770	13.295	12.262	19
23.80	12.410	.3605	13.217	11.569	29
24.00	12.280	.3464	13.226	11.450	43
24.20	12.149	.3341	13.147	11.368	53
24.40	12.048	.3362	13.070	11.296	66
24.60	11.928	.3632	12.917	11.044	72
24.80	11.741	.3862	12.598	10.672	91
25.00	11.520	.3853	12.630	10.553	110
25.20	11.237	.3860	12.362	10.347	144
25.40	10.779	.3683	11.738	9.851	172
25.60	10.380	.2976	11.589	9.690	182
25.80	10.102	.2896	11.508	9.532	182
26.00	9.858	.2908	11.229	9.298	182
26.20	9.574	.2851	10.805	8.988	182
26.40	9.175	.2661	10.363	8.530	182
26.60	8.422	.2536	9.419	7.449	182
26.80	6.825	.2675	7.564	5.575	183
27.00	4.829	.2712	5.465	3.725	182
27.10	3.742	.2700	4.439	2.706	182
27.20	2.538	.2809	3.337	1.452	182
27.30	1.242	.2983	2.029	.228	182
27.40	-0.235	.3212	.483	-1.269	176
27.50	-1.981	.3926	-0.693	-3.116	157
27.60	-4.093	.4705	-2.840	-5.007	53

ACC. POT.

MEAN	S.D.	MAX	MIN	N
13.296	.2619	13.725	12.869	9
13.396	.2565	13.740	12.849	19
13.291	.3232	13.730	12.459	29
13.240	.3238	13.969	12.415	43
13.151	.3342	13.891	12.366	53
13.065	.3284	13.803	12.313	66
12.997	.3217	13.710	12.256	72
12.875	.3442	13.610	12.018	91
12.800	.3339	13.499	11.989	110
12.739	.4133	14.709	11.939	144
12.573	.3986	14.469	11.760	172
12.409	.3781	14.202	11.652	182
12.239	.3563	13.917	11.533	182
12.047	.3346	13.599	11.397	182
11.832	.3121	13.238	11.232	182
11.586	.2870	12.828	11.007	182
11.282	.2563	12.325	10.740	182
10.840	.2104	11.649	10.376	183
10.142	.1497	10.675	9.807	182
9.677	.1176	10.059	9.410	182
9.120	.0856	9.380	8.896	182
8.443	.0522	8.593	8.314	182
7.617	.0203	7.676	7.563	179
6.583	.0431	6.678	6.428	157
5.307	.0717	5.444	5.155	53

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	5.83	n/a	n/a	n/a	1
23.60	6.00	.049	6.04	5.97	2
23.80	6.14	.105	6.29	6.01	3
24.00	6.01	.666	6.46	4.54	5
24.20	6.04	.798	6.62	4.31	7
24.40	6.09	.859	6.79	4.10	8
24.60	6.12	.895	6.85	3.89	9
24.80	6.18	.943	6.95	3.70	10
25.00	6.17	.948	7.02	3.52	11
25.20	6.17	.902	7.02	3.30	14
25.40	6.07	.909	6.86	3.07	17
25.60	5.62	.811	6.45	4.95	18
25.80	5.09	.637	6.04	3.27	18
26.00	4.64	.517	5.65	3.51	18
26.20	4.16	.543	5.29	3.18	18
26.40	3.73	.663	4.99	2.66	18
26.60	3.38	.707	4.34	2.29	18
26.80	2.09	.426	3.16	1.58	17
27.00	.97	.251	1.60	.56	17
27.10	.61	.164	1.09	.31	17
27.20	.46	.096	.65	.32	17
27.30	.39	.087	.57	.24	17
27.40	.43	.121	.75	.30	16
27.50	.60	.142	.99	.43	14
27.60	1.05	.122	1.23	.85	12

SOUND

MEAN	S.D.	MAX	MIN	N
1506	3.2	1510	1499	10
1505	3.3	1509	1498	21
1503	3.5	1508	1496	34
1501	2.4	1505	1495	52
1498	2.2	1503	1493	64
1496	2.3	1501	1487	79
1493	2.2	1498	1485	87
1490	2.2	1494	1484	109
1487	2.0	1491	1479	129
1484	1.9	1491	1478	166
1481	2.1	1491	1477	195
1480	2.4	1491	1473	208
1480	2.2	1490	1475	208
1480	1.9	1489	1476	208
1480	1.6	1488	1477	208
1480	1.5	1486	1477	208
1479	1.1	1484	1477	207
1477	1.2	1482	1474	203
1476	1.0	1480	1474	185
1477	.9	1479	1474	184
1477	.7	1479	1476	184
1479	.7	1480	1477	183
1480	.6	1482	1479	179
1482	.6	1483	1481	157
1486	.9	1487	1484	53

Table 23. As in Table 15, for Station 5 (P08).

Table 23: STATION MP08 J A N U A R Y 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	9.86	n/a	n/a	n/a	1
25.20	8.66	.305	9.12	8.29	8
25.40	8.05	.295	8.77	7.57	15
25.60	7.63	.409	8.31	6.96	17
25.80	7.40	.417	7.96	6.82	17
26.00	7.25	.368	7.70	6.74	17
26.20	7.15	.375	7.78	6.55	17
26.40	7.02	.331	7.83	6.54	17
26.60	6.67	.209	7.13	6.24	17
26.80	5.58	.252	5.90	5.03	18
27.00	4.68	.222	4.92	4.20	16
27.10	4.36	.160	4.57	3.88	16
27.20	4.02	.142	4.21	3.62	16
27.30	3.69	.115	3.85	3.38	16
27.40	3.29	.113	3.43	3.10	16
27.50	2.81	.131	3.04	2.56	14
27.60	2.30	.031	2.35	2.28	4

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.439	n/a	n/a	n/a	1
32.456	.0635	32.546	32.380	8
32.597	.0590	32.735	32.503	15
32.782	.0803	32.923	32.678	17
32.995	.0799	33.099	32.882	17
33.217	.0672	33.297	33.125	17
33.453	.0663	33.562	33.348	17
33.683	.0586	33.827	33.600	17
33.875	.0356	33.956	33.804	17
33.954	.0385	34.003	33.872	18
34.075	.0311	34.111	34.009	16
34.158	.0214	34.185	34.093	16
34.239	.0186	34.263	34.186	16
34.321	.0147	34.342	34.283	16
34.399	.0130	34.415	34.376	16
34.469	.0143	34.494	34.441	14
34.543	.0050	34.548	34.541	4

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	66	n/a	n/a	n/a	1
25.20	63	14.9	75	30	8
25.40	72	15.6	96	48	15
25.60	80	15.7	104	54	17
25.80	89	18.3	117	61	17
26.00	100	21.3	131	67	17
26.20	114	23.5	153	75	17
26.40	137	22.1	172	92	17
26.60	184	27.8	261	136	17
26.80	306	42.5	420	257	18
27.00	483	38.2	563	434	16
27.10	586	35.5	652	540	16
27.20	711	32.5	779	665	16
27.30	855	36.0	927	809	16
27.40	1035	39.6	1118	974	16
27.50	1279	57.9	1408	1199	14
27.60	1622	16.6	1635	1598	4

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
297.9	n/a	n/a	n/a	1
278.6	.24	278.9	278.1	8
259.7	.25	260.1	259.3	15
240.7	.24	241.0	240.3	17
221.8	.26	222.1	221.3	17
203.0	.26	203.3	202.5	17
184.2	.29	184.7	183.7	17
165.6	.31	166.0	165.0	17
147.2	.45	148.6	146.5	17
129.3	.60	131.0	128.7	18
111.6	.54	112.7	110.9	16
102.8	.44	103.7	101.9	16
94.0	.39	94.8	93.2	16
85.2	.33	85.9	84.5	16
76.3	.25	77.0	75.8	16
67.2	.18	67.7	67.0	14
58.3	.17	58.5	58.1	4

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	9.85	n/a	n/a	n/a	1
25.20	8.65	.306	9.12	8.28	8
25.40	8.04	.294	8.76	7.57	15
25.60	7.62	.408	8.30	6.95	17
25.80	7.39	.417	7.95	6.81	17
26.00	7.24	.369	7.69	6.73	17
26.20	7.14	.377	7.77	6.54	17
26.40	7.01	.332	7.82	6.53	17
26.60	6.65	.208	7.11	6.22	17
26.80	5.55	.250	5.86	5.01	18
27.00	4.64	.221	4.87	4.16	16
27.10	4.32	.158	4.52	3.84	16
27.20	3.97	.142	4.16	3.57	16
27.30	3.63	.115	3.79	3.32	16
27.40	3.22	.113	3.35	3.03	16
27.50	2.72	.135	2.95	2.46	14
27.60	2.20	.031	2.24	2.17	4

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
296.4	n/a	n/a	n/a	1
277.2	.52	277.6	276.0	8
258.0	.77	258.5	256.0	15
238.5	1.09	239.5	236.2	17
219.6	.94	220.5	217.3	17
201.1	.51	201.5	199.4	17
182.3	.22	182.5	181.6	17
163.4	.13	163.5	162.9	17
144.4	.05	144.4	144.2	17
125.3	.11	125.4	124.9	18
106.2	.13	106.3	105.9	16
96.6	.07	96.8	96.5	16
87.1	.06	87.2	87.0	16
77.6	.04	77.7	77.5	16
68.0	.08	68.1	67.9	16
58.4	.11	58.5	58.1	14
48.6	.05	48.7	48.6	4

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	2.070	n/a	n/a	n/a	1
25.20	1.821	.4462	2.240	.830	8
25.40	2.013	.4401	2.590	1.290	15
25.60	2.183	.4593	2.800	1.440	17
25.80	2.402	.5236	3.150	1.590	17
26.00	2.635	.5874	3.490	1.720	17
26.20	2.918	.6267	3.900	1.880	17
26.40	3.306	.5991	4.340	2.180	17
26.60	4.050	.6004	5.050	2.850	17
26.80	5.736	.6963	7.300	4.520	18
27.00	7.916	.6481	9.170	6.760	16
27.10	9.027	.6208	10.370	7.970	16
27.20	10.271	.5774	11.670	9.450	16
27.30	11.570	.6222	13.010	10.630	16
27.40	13.031	.6247	14.570	11.970	16
27.50	14.822	.7337	16.670	13.880	14
27.60	16.737	.4353	17.150	16.140	4

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.70	n/a	n/a	n/a	1
.62	.240	.83	.13	8
.78	.311	1.28	.32	15
.92	.343	1.49	.40	17
1.12	.435	1.78	.49	17
1.36	.550	2.18	.58	17
1.67	.658	2.78	.69	17
2.17	.701	3.37	.95	17
3.41	.992	5.92	1.77	17
7.71	2.154	13.78	5.11	18
16.42	5.729	22.59	13.06	16
22.51	5.956	28.60	18.74	16
30.78	5.145	37.28	26.79	16
41.26	3.831	49.05	36.29	16
55.45	4.522	65.38	48.55	16
76.69	6.541	92.61	69.07	14
107.30	3.027	109.99	103.17	4

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	11.478	n/a	n/a	n/a	1
25.20	10.974	.4513	11.642	10.347	8
25.40	10.719	.4337	11.512	10.108	15
25.60	10.457	.3944	11.408	9.901	16
25.80	10.238	.4140	11.322	9.699	16
26.00	10.006	.4431	11.264	9.419	16
26.20	9.731	.4646	11.087	9.166	16
26.40	9.343	.4280	10.805	8.928	16
26.60	8.594	.3344	10.363	8.115	16
26.80	6.889	.4206	9.419	5.860	17
27.00	4.766	.3132	7.564	4.111	16
27.10	3.654	.2810	5.161	3.148	16
27.20	2.412	.2514	4.007	1.878	16
27.30	1.111	.2850	2.773	.535	16
27.40	-0.348	.3145	1.480	-1.018	16
27.50	-2.123	.4431	.124	-3.116	14
27.60	-4.235	.1344	-4.043	-4.352	4

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
13.465	n/a	n/a	n/a	1
12.733	.3031	13.331	12.451	8
12.603	.3015	13.188	12.033	15
12.417	.3231	13.030	11.852	16
12.254	.3118	12.858	11.727	16
12.074	.2995	12.719	11.597	16
11.871	.2868	12.555	11.456	16
11.636	.2783	12.357	11.288	16
11.345	.2652	12.025	11.069	16
10.910	.2108	11.408	10.648	17
10.206	.1523	10.511	10.013	16
9.731	.1148	9.960	9.582	16
9.159	.0847	9.325	9.041	16
8.465	.0509	8.579	8.391	16
7.624	.0217	7.676	7.577	16
6.563	.0590	6.640	6.428	14
5.318	.0383	5.359	5.272	4

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	6.51	n/a	n/a	n/a	1
25.40	6.05	n/a	n/a	n/a	1
25.60	5.55	n/a	n/a	n/a	1
25.80	5.08	n/a	n/a	n/a	1
26.00	4.65	n/a	n/a	n/a	1
26.20	4.48	n/a	n/a	n/a	1
26.40	4.19	n/a	n/a	n/a	1
26.60	3.21	n/a	n/a	n/a	1
26.80	1.81	n/a	n/a	n/a	1
27.00	.93	n/a	n/a	n/a	1
27.10	.64	n/a	n/a	n/a	1
27.20	.48	n/a	n/a	n/a	1
27.30	.42	n/a	n/a	n/a	1
27.40	.44	n/a	n/a	n/a	1
27.50	.67	n/a	n/a	n/a	1
27.60	1.14	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1488	n/a	n/a	n/a	1
1483	1.3	1485	1482	8
1481	1.2	1484	1479	15
1480	1.1	1483	1477	17
1480	1.0	1482	1477	17
1479	1.3	1481	1478	17
1480	1.5	1482	1477	17
1480	1.4	1483	1478	17
1479	1.1	1482	1477	17
1477	1.4	1480	1475	18
1476	1.3	1479	1474	16
1477	1.0	1479	1475	16
1478	.8	1479	1476	16
1479	.7	1480	1477	16
1480	.5	1481	1479	16
1482	.5	1483	1482	14
1486	.0	1486	1486	4

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	8.84	.156	8.95	8.73	2
25.20	8.82	.007	8.82	8.81	2
25.40	8.16	.437	8.54	7.15	8
25.60	7.58	.602	8.22	6.04	14
25.80	7.48	.450	7.92	6.28	14
26.00	7.33	.349	7.91	6.48	14
26.20	7.20	.324	7.91	6.55	14
26.40	7.08	.300	7.68	6.62	14
26.60	6.67	.201	7.01	6.24	14
26.80	5.59	.225	5.91	5.17	14
27.00	4.68	.210	4.93	4.25	13
27.10	4.36	.187	4.57	4.03	13
27.20	4.05	.127	4.18	3.85	13
27.30	3.72	.096	3.87	3.54	13
27.40	3.31	.120	3.54	3.12	13
27.50	2.83	.134	3.05	2.60	11
27.60	2.39	.087	2.49	2.33	3

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	32.231	.0326	32.254	32.208	2
25.20	32.482	.0000	32.483	32.481	2
25.40	32.617	.0822	32.685	32.430	8
25.60	32.768	.1090	32.892	32.501	14
25.80	33.004	.0800	33.084	32.795	14
26.00	33.232	.0620	33.333	33.080	14
26.20	33.461	.0577	33.588	33.348	14
26.40	33.693	.0528	33.799	33.613	14
26.60	33.877	.0342	33.935	33.804	14
26.80	33.956	.0348	34.005	33.892	14
27.00	34.075	.0297	34.110	34.016	13
27.10	34.156	.0254	34.184	34.113	13
27.20	34.241	.0172	34.259	34.215	13
27.30	34.325	.0129	34.343	34.302	13
27.40	34.401	.0143	34.428	34.378	13
27.50	34.471	.0142	34.495	34.445	11
27.60	34.550	.0050	34.558	34.544	3

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	31	17.7	43	18	2
25.20	64	5.7	68	60	2
25.40	69	27.1	100	14	8
25.60	83	13.6	105	60	14
25.80	90	14.1	110	66	14
26.00	100	15.6	121	69	14
26.20	112	17.7	141	73	14
26.40	136	22.1	182	90	14
26.60	184	25.8	251	147	14
26.80	297	29.4	351	244	14
27.00	468	29.5	520	412	13
27.10	567	24.9	595	525	13
27.20	694	28.3	732	642	13
27.30	839	36.3	903	787	13
27.40	1019	44.4	1090	939	13
27.50	1260	62.0	1377	1189	11
27.60	1544	45.6	1571	1491	3

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	297.1	.29	297.3	296.9	2
25.20	278.7	.12	278.8	278.6	2
25.40	259.6	.43	260.1	258.8	8
25.60	240.8	.25	241.2	240.4	14
25.80	221.9	.25	222.3	221.5	14
26.00	203.0	.27	203.5	202.6	14
26.20	184.2	.29	184.9	183.7	14
26.40	165.6	.37	166.5	165.0	14
26.60	147.2	.40	148.3	146.7	14
26.80	129.2	.36	129.7	128.6	14
27.00	111.4	.38	112.0	110.7	13
27.10	102.6	.33	103.1	101.9	13
27.20	93.9	.34	94.4	93.2	13
27.30	85.1	.31	85.6	84.6	13
27.40	76.2	.25	76.7	75.8	13
27.50	67.2	.16	67.5	66.9	11
27.60	58.1	.06	58.1	58.0	3

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	8.84	.163	8.95	8.72	2
25.20	8.81	.014	8.82	8.80	2
25.40	8.15	.434	8.53	7.15	8
25.60	7.57	.603	8.21	6.03	14
25.80	7.47	.449	7.91	6.27	14
26.00	7.32	.349	7.90	6.47	14
26.20	7.19	.325	7.90	6.54	14
26.40	7.06	.298	7.66	6.61	14
26.60	6.66	.201	6.99	6.22	14
26.80	5.57	.226	5.88	5.14	14
27.00	4.64	.211	4.89	4.21	13
27.10	4.31	.184	4.52	3.99	13
27.20	4.00	.127	4.13	3.80	13
27.30	3.66	.095	3.81	3.48	13
27.40	3.24	.124	3.47	3.04	13
27.50	2.74	.136	2.96	2.50	11
27.60	2.28	.087	2.38	2.22	3

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	296.6	.06	296.6	296.5	2
25.20	277.5	.00	277.5	277.5	2
25.40	258.1	.82	258.6	256.1	8
25.60	239.1	.80	239.5	236.4	14
25.80	220.1	.50	220.4	218.7	14
26.00	201.1	.41	201.5	200.3	14
26.20	182.3	.15	182.4	181.9	14
26.40	163.3	.13	163.4	163.0	14
26.60	144.4	.04	144.4	144.3	14
26.80	125.3	.08	125.4	125.1	14
27.00	106.2	.06	106.3	106.1	13
27.10	96.7	.05	96.8	96.6	13
27.20	87.2	.05	87.2	87.1	13
27.30	77.6	.06	77.7	77.5	13
27.40	68.1	.04	68.1	68.0	13
27.50	58.5	.08	58.6	58.3	11
27.60	48.8	.17	49.0	48.7	3

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	.935	.5728	1.340	.530	2
25.20	1.910	.2263	2.070	1.750	2
25.40	1.904	.7663	2.710	.360	8
25.60	2.196	.3944	2.830	1.530	14
25.80	2.366	.4104	2.970	1.680	14
26.00	2.566	.4435	3.330	1.750	14
26.20	2.812	.4862	3.710	1.820	14
26.40	3.225	.5642	4.440	2.110	14
26.60	3.981	.6177	5.540	3.130	14
26.80	5.539	.6198	6.950	4.460	14
27.00	7.620	.6193	9.010	6.480	13
27.10	8.688	.5250	9.800	7.670	13
27.20	9.944	.5167	10.950	8.860	13
27.30	11.255	.6154	12.580	10.200	13
27.40	12.721	.6715	14.150	11.730	13
27.50	14.453	.7829	15.680	13.260	11
27.60	15.923	.2325	16.100	15.660	3

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.17	.170	.29	.05	2
.62	.127	.71	.53	2
.76	.444	1.40	.03	8
.95	.310	1.52	.46	14
1.11	.343	1.66	.56	14
1.30	.398	1.91	.61	14
1.58	.474	2.43	.66	14
2.12	.667	3.63	.91	14
3.37	.998	6.06	2.09	14
7.22	1.445	10.40	4.75	14
15.32	2.065	19.58	11.53	13
21.00	1.995	24.14	17.20	13
29.14	2.477	32.11	24.32	13
39.49	3.599	45.26	34.24	13
53.49	4.746	61.14	45.30	13
73.95	7.263	87.09	65.23	11
97.80	3.613	100.52	93.70	3

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	12.090	.0098	12.097	12.083	2
25.20	11.113	.3507	11.361	10.865	2
25.40	10.705	.5587	11.709	9.921	8
25.60	10.300	.3079	10.799	9.799	13
25.80	10.127	.2816	10.590	9.679	13
26.00	9.922	.2729	10.335	9.510	13
26.20	9.670	.2749	10.250	9.194	13
26.40	9.255	.3087	9.959	8.786	13
26.60	8.486	.2767	8.888	7.897	13
26.80	6.918	.2484	7.358	6.489	13
27.00	4.876	.2325	5.334	4.429	13
27.10	3.805	.1824	4.152	3.561	13
27.20	2.550	.2128	2.961	2.292	13
27.30	1.238	.2833	1.625	.726	13
27.40	-0.226	.3480	.393	-0.787	13
27.50	-1.971	.4752	-1.445	-2.863	11
27.60	-3.688	.2694	-3.377	-3.847	3

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.996	.5515	13.386	12.606	2
12.912	.5127	13.275	12.550	2
12.502	.3373	13.134	12.074	8
12.304	.3221	12.972	11.721	13
12.140	.3066	12.792	11.586	13
11.960	.2889	12.579	11.438	13
11.760	.2697	12.337	11.277	13
11.531	.2462	12.041	11.096	13
11.241	.2182	11.650	10.863	13
10.811	.1732	11.077	10.513	13
10.133	.1240	10.308	9.908	13
9.673	.0995	9.827	9.486	13
9.123	.0792	9.261	8.969	13
8.447	.0534	8.533	8.342	13
7.617	.0242	7.652	7.573	13
6.575	.0613	6.665	6.472	11
5.373	.0092	5.381	5.363	3

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	6.57	n/a	n/a	n/a	1
25.60	6.26	n/a	n/a	n/a	1
25.80	5.83	n/a	n/a	n/a	1
26.00	5.44	n/a	n/a	n/a	1
26.20	4.72	n/a	n/a	n/a	1
26.40	4.17	n/a	n/a	n/a	1
26.60	3.89	n/a	n/a	n/a	1
26.80	1.80	n/a	n/a	n/a	1
27.00	1.23	n/a	n/a	n/a	1
27.10	.53	n/a	n/a	n/a	1
27.20	.45	n/a	n/a	n/a	1
27.30	.42	n/a	n/a	n/a	1
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1483	.0	1483	1483	2
1484	.0	1484	1484	2
1482	1.9	1483	1477	8
1480	2.6	1482	1473	14
1480	1.9	1482	1475	14
1480	1.5	1482	1476	14
1480	1.4	1483	1477	14
1480	1.4	1483	1478	14
1479	1.0	1481	1477	14
1477	1.1	1478	1475	14
1476	1.1	1478	1474	13
1477	.9	1478	1475	13
1478	.8	1479	1476	13
1479	.8	1480	1477	13
1480	.5	1481	1479	13
1482	.7	1483	1481	11
1485	.0	1485	1485	3

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	7.95	n/a	n/a	n/a	1
25.20	9.10	.971	10.27	7.80	8
25.40	8.34	1.009	10.29	7.42	16
25.60	8.15	.940	10.11	7.26	17
25.80	7.98	.844	9.75	7.12	17
26.00	7.78	.720	9.25	7.01	17
26.20	7.61	.619	8.84	6.88	17
26.40	7.32	.492	8.16	6.65	17
26.60	6.80	.324	7.30	6.38	17
26.80	5.73	.253	6.25	5.38	17
27.00	4.73	.177	4.98	4.41	16
27.10	4.33	.115	4.58	4.16	16
27.20	4.01	.122	4.26	3.77	16
27.30	3.69	.097	3.90	3.56	16
27.40	3.29	.067	3.45	3.21	16
27.50	2.83	.061	2.92	2.74	11
27.60	2.30	.023	2.32	2.28	4

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	32.073	n/a	n/a	n/a	1
25.20	32.546	.1971	32.784	32.291	8
25.40	32.656	.1995	33.045	32.485	16
25.60	32.882	.1821	33.264	32.710	17
25.80	33.106	.1595	33.443	32.946	17
26.00	33.320	.1340	33.594	33.189	17
26.20	33.538	.1138	33.767	33.408	17
26.40	33.736	.0876	33.890	33.619	17
26.60	33.900	.0566	33.985	33.827	17
26.80	33.978	.0398	34.060	33.923	17
27.00	34.082	.0249	34.118	34.037	16
27.10	34.153	.0158	34.187	34.130	16
27.20	34.237	.0154	34.269	34.207	16
27.30	34.321	.0130	34.349	34.306	16
27.40	34.399	.0077	34.418	34.390	16
27.50	34.471	.0062	34.480	34.460	11
27.60	34.542	.0000	34.544	34.541	4

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	24	n/a	n/a	n/a	1
25.20	72	39.3	120	31	8
25.40	74	35.3	135	14	16
25.60	88	30.1	146	47	17
25.80	96	31.1	158	50	17
26.00	107	35.0	180	63	17
26.20	124	40.5	206	77	17
26.40	150	47.9	248	98	17
26.60	206	58.2	322	141	17
26.80	328	68.9	456	235	17
27.00	490	65.2	609	397	16
27.10	588	63.3	702	518	16
27.20	704	70.2	830	591	16
27.30	846	68.4	964	739	16
27.40	1028	65.7	1147	939	16
27.50	1250	48.7	1345	1192	11
27.60	1610	64.4	1673	1522	4

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	297.0	n/a	n/a	n/a	1
25.20	278.9	.85	280.0	278.1	8
25.40	259.8	.75	261.3	258.8	16
25.60	241.0	.70	242.4	240.2	17
25.80	222.1	.70	223.6	221.3	17
26.00	203.3	.75	205.0	202.5	17
26.20	184.5	.84	186.3	183.8	17
26.40	165.9	.90	167.8	165.1	17
26.60	147.6	.95	149.5	146.8	17
26.80	129.7	.96	131.7	128.6	17
27.00	111.7	.71	113.2	110.9	16
27.10	102.7	.50	103.7	102.3	16
27.20	93.9	.48	94.7	93.3	16
27.30	85.1	.44	85.9	84.6	16
27.40	76.3	.41	77.0	75.8	16
27.50	67.1	.17	67.4	66.9	11
27.60	58.2	.31	58.4	57.7	4

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	7.95	n/a	n/a	n/a	1
25.20	9.09	.965	10.26	7.80	8
25.40	8.33	1.006	10.27	7.41	16
25.60	8.14	.935	10.09	7.25	17
25.80	7.97	.842	9.73	7.11	17
26.00	7.77	.716	9.23	7.00	17
26.20	7.60	.615	8.82	6.87	17
26.40	7.30	.486	8.13	6.64	17
26.60	6.78	.319	7.29	6.37	17
26.80	5.70	.250	6.23	5.35	17
27.00	4.69	.173	4.93	4.37	16
27.10	4.28	.118	4.54	4.11	16
27.20	3.96	.125	4.21	3.71	16
27.30	3.63	.100	3.85	3.49	16
27.40	3.22	.068	3.38	3.13	16
27.50	2.74	.062	2.83	2.64	11
27.60	2.19	.028	2.22	2.16	4

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	295.7	n/a	n/a	n/a	1
25.20	277.3	.22	277.6	276.9	8
25.40	258.1	.49	258.5	256.7	16
25.60	238.7	1.04	239.5	236.3	17
25.80	219.6	.99	220.4	216.7	17
26.00	200.8	.67	201.4	199.0	17
26.20	182.1	.30	182.4	181.4	17
26.40	163.3	.12	163.5	163.1	17
26.60	144.2	.22	144.4	143.7	17
26.80	125.2	.17	125.3	124.8	17
27.00	106.2	.08	106.3	106.0	16
27.10	96.6	.06	96.7	96.5	16
27.20	87.1	.07	87.2	87.0	16
27.30	77.6	.07	77.7	77.5	16
27.40	68.0	.09	68.1	67.8	16
27.50	58.5	.11	58.6	58.3	11
27.60	48.6	.17	48.9	48.5	4

STATION MP08 M A R C H 1956 to 1998

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	.760	n/a	n/a	n/a	1
25.20	2.079	1.1595	3.530	.870	8
25.40	2.065	1.0378	3.920	.370	16
25.60	2.406	.9053	4.190	1.290	17
25.80	2.604	.9252	4.470	1.370	17
26.00	2.844	1.0158	4.950	1.650	17
26.20	3.160	1.1243	5.460	1.930	17
26.40	3.629	1.2496	6.200	2.250	17
26.60	4.501	1.4070	7.390	2.900	17
26.80	6.194	1.5302	9.260	4.350	17
27.00	8.166	1.5142	11.060	6.290	16
27.10	9.222	1.4862	12.060	7.590	16
27.20	10.370	1.5290	13.220	8.800	16
27.30	11.652	1.5290	14.460	10.090	16
27.40	13.129	1.5088	15.930	11.480	16
27.50	14.250	.8221	15.860	13.230	11
27.60	16.137	.7722	17.150	15.270	4

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.09	n/a	n/a	n/a	1
.97	.899	2.18	.14	8
.95	.840	2.70	.03	16
1.20	.859	3.09	.30	17
1.39	.943	3.53	.34	17
1.67	1.155	4.35	.51	17
2.08	1.476	5.37	.73	17
2.79	1.951	7.09	1.04	17
4.47	2.829	10.55	1.84	17
9.19	4.286	18.02	4.48	17
17.43	5.514	28.06	10.75	16
23.26	6.078	34.92	16.85	16
30.92	7.266	44.23	22.92	16
41.11	8.095	55.52	32.01	16
55.34	8.945	71.78	45.72	16
72.43	6.706	85.29	65.28	11
104.22	8.096	113.34	93.81	4

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	11.867	n/a	n/a	n/a	1
25.20	11.450	.5540	12.362	10.642	8
25.40	10.826	.5254	11.738	9.851	15
25.60	10.414	.4547	11.589	9.705	16
25.80	10.218	.4491	11.508	9.571	16
26.00	9.987	.4029	11.229	9.450	16
26.20	9.677	.3517	10.779	9.278	16
26.40	9.207	.3565	10.012	8.636	16
26.60	8.331	.4769	9.004	7.449	16
26.80	6.627	.6034	7.407	5.575	16
27.00	4.663	.5108	5.465	3.725	16
27.10	3.608	.4796	4.166	2.706	16
27.20	2.460	.5501	3.337	1.452	16
27.30	1.179	.5409	2.006	.228	16
27.40	-0.300	.5269	.391	-1.269	16
27.50	-1.883	.3881	-1.433	-2.657	11
27.60	-4.121	.4493	-3.518	-4.585	4

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.590	n/a	n/a	n/a	1
13.462	.9658	14.709	12.537	8
12.768	.8991	14.469	11.760	15
12.547	.8537	14.202	11.652	16
12.373	.8044	13.917	11.533	16
12.181	.7517	13.599	11.397	16
11.966	.6901	13.238	11.238	16
11.714	.6133	12.828	11.052	16
11.397	.5203	12.325	10.800	16
10.923	.4073	11.649	10.446	16
10.186	.2756	10.675	9.875	16
9.701	.2122	10.059	9.410	16
9.127	.1508	9.380	8.856	16
8.445	.0885	8.593	8.321	16
7.612	.0242	7.658	7.580	16
6.596	.0399	6.641	6.528	11
5.346	.0301	5.366	5.301	4

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	5.80	n/a	n/a	n/a	1
25.40	6.22	1.015	6.86	5.05	3
25.60	5.78	.847	6.45	4.54	4
25.80	5.24	.838	6.04	4.07	4
26.00	4.79	.753	5.65	3.83	4
26.20	4.24	.839	5.29	3.24	4
26.40	3.78	.896	4.99	2.83	4
26.60	3.42	.853	4.34	2.43	4
26.80	2.04	.363	2.46	1.64	4
27.00	.98	.078	1.08	.91	4
27.10	.64	.081	.73	.55	4
27.20	.48	.071	.58	.43	4
27.30	.41	.089	.50	.32	4
27.40	.45	.147	.59	.30	4
27.50	.55	.112	.67	.45	3
27.60	.99	.150	1.15	.85	3

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1479	n/a	n/a	n/a	1
1485	4.6	1491	1479	8
1482	4.5	1491	1479	16
1482	4.1	1491	1478	17
1482	3.9	1490	1478	17
1482	3.4	1489	1479	17
1481	3.0	1488	1478	17
1481	2.6	1486	1478	17
1480	2.0	1484	1478	17
1478	1.9	1482	1476	17
1477	1.4	1480	1475	16
1477	.9	1478	1476	16
1478	1.0	1479	1476	16
1479	1.0	1480	1477	16
1480	1.1	1482	1479	16
1482	.7	1483	1481	11
1486	1.3	1487	1484	4

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	8.65	.417	9.24	8.26	4
25.40	7.92	.515	8.89	7.26	7
25.60	7.27	.676	8.66	6.45	11
25.80	7.24	.595	8.47	6.42	11
26.00	7.31	.484	8.28	6.71	11
26.20	7.42	.315	7.95	6.93	11
26.40	7.20	.174	7.50	6.93	11
26.60	6.74	.149	7.01	6.51	11
26.80	5.71	.167	5.97	5.39	11
27.00	4.73	.204	4.99	4.36	9
27.10	4.38	.159	4.59	4.06	9
27.20	4.06	.125	4.19	3.79	9
27.30	3.72	.107	3.85	3.50	9
27.40	3.37	.096	3.48	3.20	9
27.50	3.00	.110	3.14	2.77	9
27.60	2.32	.064	2.37	2.28	2

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.454	.0883	32.580	32.375	4
32.576	.0982	32.760	32.449	7
32.715	.1251	32.975	32.567	11
32.966	.1102	33.197	32.818	11
33.229	.0881	33.404	33.120	11
33.498	.0575	33.595	33.411	11
33.713	.0318	33.769	33.665	11
33.887	.0258	33.934	33.848	11
33.975	.0269	34.018	33.925	11
34.082	.0286	34.119	34.031	9
34.159	.0220	34.188	34.116	9
34.243	.0162	34.260	34.208	9
34.325	.0131	34.341	34.298	9
34.408	.0113	34.421	34.388	9
34.479	.0120	34.506	34.465	9
34.544	.0096	34.548	34.540	2

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	58	16.2	81	45	4
25.40	68	24.8	95	28	7
25.60	79	17.3	105	49	11
25.80	89	14.7	113	62	11
26.00	98	14.6	121	72	11
26.20	110	14.8	131	86	11
26.40	134	12.7	154	114	11
26.60	183	16.0	207	158	11
26.80	295	22.2	331	254	11
27.00	459	21.8	494	423	9
27.10	559	24.4	596	523	9
27.20	677	26.8	723	645	9
27.30	819	31.6	872	779	9
27.40	987	35.9	1035	926	9
27.50	1219	55.1	1279	1089	9
27.60	1577	31.1	1599	1555	2

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
278.5	.31	279.0	278.3	4
259.6	.39	260.1	259.0	7
240.7	.32	241.3	240.2	11
221.8	.26	222.3	221.4	11
203.0	.28	203.6	202.6	11
184.3	.33	184.7	183.9	11
165.6	.21	166.0	165.3	11
147.2	.26	147.6	146.8	11
129.3	.31	129.9	128.6	11
111.4	.30	112.0	111.1	9
102.5	.27	103.0	102.2	9
93.8	.23	94.1	93.4	9
85.0	.17	85.2	84.7	9
76.2	.21	76.5	75.9	9
67.2	.13	67.3	67.0	9
58.0	.07	58.1	58.0	2

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	8.64	.414	9.23	8.26	4
25.40	7.91	.513	8.88	7.26	7
25.60	7.27	.675	8.65	6.44	11
25.80	7.24	.592	8.45	6.42	11
26.00	7.30	.485	8.27	6.70	11
26.20	7.41	.316	7.94	6.92	11
26.40	7.19	.173	7.49	6.92	11
26.60	6.72	.148	6.99	6.49	11
26.80	5.69	.168	5.94	5.36	11
27.00	4.69	.200	4.95	4.33	9
27.10	4.33	.161	4.54	4.01	9
27.20	4.01	.125	4.14	3.74	9
27.30	3.66	.107	3.79	3.44	9
27.40	3.30	.098	3.41	3.13	9
27.50	2.82	.113	3.06	2.68	9
27.60	2.22	.064	2.26	2.17	2

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
277.2	.50	277.6	276.5	4
257.9	.56	258.5	257.1	7
239.1	.57	239.5	237.7	11
219.9	.75	220.4	218.2	11
201.1	.65	201.4	199.3	11
182.3	.16	182.4	182.0	11
163.4	.07	163.4	163.2	11
144.4	.04	144.4	144.3	11
125.2	.15	125.4	125.0	11
106.2	.09	106.3	106.0	9
96.7	.05	96.7	96.6	9
87.2	.05	87.2	87.1	9
77.6	.07	77.7	77.5	9
68.1	.04	68.1	68.0	9
58.5	.10	58.6	58.3	9
48.8	.07	48.8	48.7	2

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	1.652	.4877	2.360	1.280	4
25.40	1.904	.7319	2.650	.730	7
25.60	2.095	.5365	2.960	1.260	11
25.80	2.325	.4802	3.140	1.570	11
26.00	2.555	.4827	3.300	1.790	11
26.20	2.765	.4866	3.540	2.060	11
26.40	3.175	.4441	3.940	2.550	11
26.60	3.938	.4675	4.690	3.240	11
26.80	5.484	.5536	6.480	4.660	11
27.00	7.487	.5511	8.470	6.850	9
27.10	8.567	.5862	9.570	7.820	9
27.20	9.737	.6156	10.830	9.050	9
27.30	11.016	.6591	12.180	10.320	9
27.40	12.384	.6591	13.500	11.640	9
27.50	14.066	.7416	15.270	12.950	9
27.60	16.375	.8556	16.980	15.770	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.51	.311	.97	.29	4
.74	.454	1.28	.10	7
.88	.393	1.53	.31	11
1.07	.388	1.74	.49	11
1.26	.420	1.96	.64	11
1.51	.454	2.22	.86	11
2.02	.452	2.81	1.36	11
3.26	.612	4.18	2.32	11
7.06	1.124	9.05	5.23	11
14.71	1.546	17.43	12.42	9
20.36	1.964	23.58	17.64	9
27.78	2.454	32.14	24.85	9
37.65	3.197	43.23	33.69	9
50.36	3.880	56.13	44.62	9
69.47	5.935	77.22	56.80	9
101.80	5.805	105.90	97.69	2

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	11.204	.3728	11.523	10.794	3
25.40	10.577	.3909	11.164	10.154	6
25.60	10.300	.2891	10.792	9.914	9
25.80	10.065	.2019	10.351	9.717	9
26.00	9.863	.1816	10.096	9.540	9
26.20	9.624	.1663	9.891	9.377	9
26.40	9.221	.1156	9.406	9.010	9
26.60	8.460	.1043	8.652	8.246	9
26.80	6.880	.1063	7.011	6.676	9
27.00	4.922	.1478	5.172	4.689	9
27.10	3.841	.1717	4.098	3.589	9
27.20	2.672	.1960	2.896	2.326	9
27.30	1.390	.2416	1.687	.973	9
27.40	.022	.2725	.483	-0.343	9
27.50	-1.658	.4113	-0.693	-2.117	9
27.60	-3.924	.2538	-3.744	-4.103	2

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.891	.1435	13.055	12.790	3
12.383	.4119	12.892	11.882	6
12.209	.3000	12.706	11.807	9
12.049	.2729	12.502	11.701	9
11.872	.2470	12.285	11.547	9
11.677	.2208	12.050	11.368	9
11.450	.1959	11.783	11.175	9
11.167	.1785	11.466	10.914	9
10.744	.1524	11.005	10.537	9
10.071	.1175	10.271	9.921	9
9.619	.0953	9.768	9.490	9
9.074	.0723	9.187	8.972	9
8.413	.0447	8.475	8.344	9
7.614	.0248	7.654	7.580	9
6.613	.0348	6.678	6.570	9
5.332	.0728	5.384	5.281	2

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1483	2.2	1486	1481	4
1481	2.5	1485	1477	7
1479	3.1	1485	1475	11
1479	2.5	1484	1475	11
1479	2.2	1484	1477	11
1481	1.4	1483	1479	11
1480	.8	1482	1479	11
1479	.8	1481	1478	11
1477	.8	1479	1476	11
1476	1.1	1478	1475	9
1476	.9	1478	1475	9
1477	.7	1478	1476	9
1478	.5	1479	1478	9
1480	.5	1480	1479	9
1482	.4	1482	1481	9
1486	.7	1486	1485	2

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	10.06	n/a	n/a	n/a	1
24.60	10.25	1.047	10.99	9.51	2
24.80	9.85	.488	10.58	9.18	12
25.00	9.30	.503	10.33	8.31	17
25.20	8.69	.490	9.81	7.61	32
25.40	7.91	.443	8.95	7.08	35
25.60	7.54	.491	8.70	6.59	35
25.80	7.36	.484	8.41	6.32	35
26.00	7.25	.412	8.15	6.45	35
26.20	7.15	.339	8.11	6.58	35
26.40	7.03	.311	7.87	6.47	35
26.60	6.60	.215	7.10	6.15	35
26.80	5.51	.209	5.98	5.13	34
27.00	4.58	.162	4.90	4.26	31
27.10	4.28	.124	4.51	4.05	30
27.20	4.02	.099	4.22	3.79	30
27.30	3.70	.099	3.86	3.51	30
27.40	3.31	.083	3.42	3.10	29
27.50	2.83	.083	2.97	2.61	26
27.60	2.29	.083	2.38	2.13	8

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	31.740	n/a	n/a	n/a	1
24.60	32.017	.2164	32.170	31.864	2
24.80	32.191	.1026	32.341	32.050	12
25.00	32.333	.1031	32.539	32.129	17
25.20	32.464	.0961	32.686	32.256	32
25.40	32.571	.0837	32.793	32.418	35
25.60	32.761	.0893	32.979	32.595	35
25.80	32.985	.0869	33.191	32.802	35
26.00	33.218	.0730	33.378	33.076	35
26.20	33.453	.0609	33.628	33.351	35
26.40	33.686	.0545	33.836	33.588	35
26.60	33.864	.0364	33.950	33.789	35
26.80	33.944	.0322	34.018	33.886	34
27.00	34.062	.0231	34.108	34.017	31
27.10	34.147	.0167	34.177	34.115	30
27.20	34.237	.0136	34.263	34.208	30
27.30	34.322	.0129	34.343	34.298	30
27.40	34.401	.0104	34.413	34.376	29
27.50	34.471	.0093	34.486	34.446	26
27.60	34.540	.0088	34.548	34.525	8

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	6	n/a	n/a	n/a	1
24.60	11	2.8	13	9	2
24.80	17	13.1	38	0	12
25.00	28	15.8	54	2	17
25.20	40	14.1	81	14	32
25.40	65	21.8	103	11	35
25.60	84	15.6	121	56	35
25.80	96	12.7	128	74	35
26.00	108	12.2	139	85	35
26.20	122	12.2	147	95	35
26.40	143	12.9	166	115	35
26.60	190	14.7	219	159	35
26.80	300	20.7	343	259	34
27.00	460	25.1	518	397	31
27.10	562	29.8	619	487	30
27.20	684	29.4	738	621	30
27.30	824	34.4	889	737	30
27.40	1010	33.9	1079	953	29
27.50	1255	40.9	1341	1173	26
27.60	1586	62.9	1710	1500	8

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	353.9	n/a	n/a	n/a	1
24.60	334.9	.08	335.0	334.9	2
24.80	316.0	.22	316.3	315.7	12
25.00	297.1	.28	297.7	296.7	17
25.20	278.3	.33	278.9	277.8	32
25.40	259.6	.33	260.2	258.8	35
25.60	240.8	.26	241.4	240.3	35
25.80	221.9	.23	222.5	221.6	35
26.00	203.1	.22	203.6	202.7	35
26.20	184.4	.21	184.7	183.9	35
26.40	165.7	.22	166.0	165.3	35
26.60	147.3	.24	147.9	146.9	35
26.80	129.2	.32	130.1	128.6	34
27.00	111.2	.34	112.0	110.5	31
27.10	102.4	.34	103.1	101.6	30
27.20	93.7	.27	94.5	93.3	30
27.30	85.0	.27	85.5	84.4	30
27.40	76.2	.19	76.7	75.9	29
27.50	67.2	.24	67.8	66.7	26
27.60	57.9	.36	58.2	57.1	8

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	10.06	n/a	n/a	n/a	1
24.60	10.25	1.047	10.99	9.51	2
24.80	9.85	.488	10.58	9.18	12
25.00	9.30	.501	10.32	8.31	17
25.20	8.68	.490	9.81	7.61	32
25.40	7.91	.442	8.94	7.08	35
25.60	7.53	.489	8.69	6.58	35
25.80	7.35	.482	8.40	6.32	35
26.00	7.24	.411	8.14	6.45	35
26.20	7.14	.339	8.10	6.57	35
26.40	7.02	.311	7.86	6.46	35
26.60	6.58	.215	7.07	6.13	35
26.80	5.48	.207	5.94	5.10	34
27.00	4.55	.162	4.86	4.23	31
27.10	4.24	.123	4.46	4.01	30
27.20	3.97	.098	4.16	3.74	30
27.30	3.64	.100	3.81	3.44	30
27.40	3.24	.085	3.35	3.02	29
27.50	2.74	.084	2.88	2.52	26
27.60	2.18	.084	2.27	2.01	8

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	351.5	n/a	n/a	n/a	1
24.60	334.2	.71	334.7	333.7	2
24.80	314.9	.73	315.7	313.3	12
25.00	295.9	1.03	296.6	293.3	17
25.20	277.1	.67	277.6	274.4	32
25.40	258.2	.51	258.5	256.3	35
25.60	239.0	.62	239.5	237.1	35
25.80	219.9	.53	220.5	218.8	35
26.00	201.1	.48	201.4	199.5	35
26.20	182.2	.26	182.4	181.5	35
26.40	163.3	.13	163.4	163.0	35
26.60	144.4	.05	144.4	144.2	35
26.80	125.2	.12	125.4	124.8	34
27.00	106.2	.11	106.4	106.0	31
27.10	96.7	.07	96.8	96.5	30
27.20	87.2	.04	87.2	87.1	30
27.30	77.6	.05	77.7	77.6	30
27.40	68.1	.08	68.1	67.9	29
27.50	58.5	.11	58.6	58.2	26
27.60	48.8	.16	49.1	48.6	8

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	.340	n/a	.340	.340	1
24.60	.385	.0636	.430	.340	2
24.80	.547	.4309	1.240	.000	12
25.00	.873	.5031	1.670	.060	17
25.20	1.198	.4458	2.530	.420	32
25.40	1.848	.6291	3.030	.290	35
25.60	2.333	.4613	3.320	1.420	35
25.80	2.626	.3773	3.470	2.000	35
26.00	2.873	.3637	3.710	2.220	35
26.20	3.157	.3629	3.950	2.420	35
26.40	3.522	.3746	4.310	2.770	35
26.60	4.246	.3869	4.910	3.450	35
26.80	5.772	.4515	6.600	4.860	34
27.00	7.699	.5016	8.750	6.510	31
27.10	8.795	.5477	9.850	7.480	30
27.20	9.998	.5431	11.030	8.790	30
27.30	11.263	.5658	12.130	9.990	30
27.40	12.751	.5500	13.810	11.630	29
27.50	14.528	.6065	15.650	13.220	26
27.60	16.579	.7422	18.050	15.610	8

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	.01	n/a	.01	.01	1
24.60	.02	.007	.03	.02	2
24.80	.07	.090	.24	.00	12
25.00	.16	.156	.47	.00	17
25.20	.27	.212	1.01	.03	32
25.40	.66	.399	1.50	.02	35
25.60	1.00	.389	2.01	.40	35
25.80	1.26	.362	2.21	.73	35
26.00	1.52	.379	2.53	.91	35
26.20	1.86	.403	2.76	1.10	35
26.40	2.35	.454	3.30	1.47	35
26.60	3.59	.570	4.62	2.43	35
26.80	7.43	1.030	9.61	5.55	34
27.00	14.94	1.694	19.06	11.07	31
27.10	20.73	2.248	25.47	15.45	30
27.20	28.43	2.591	32.99	22.95	30
27.30	38.25	3.304	44.16	30.53	30
27.40	52.42	3.821	59.78	45.73	29
27.50	73.02	5.130	83.88	63.10	26
27.60	102.94	7.627	119.46	93.15	8

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	12.612	n/a	n/a	n/a	1
24.60	12.589	.1103	12.667	12.511	2
24.80	11.998	.3411	12.415	11.449	10
25.00	11.830	.4240	12.630	11.145	14
25.20	11.505	.3706	12.040	10.565	27
25.40	10.794	.4189	11.622	10.066	30
25.60	10.273	.2568	10.882	9.690	30
25.80	9.974	.2204	10.634	9.532	30
26.00	9.739	.2227	10.322	9.298	30
26.20	9.469	.2008	10.033	9.105	30
26.40	9.114	.1929	9.724	8.779	30
26.60	8.405	.1746	8.769	8.073	30
26.80	6.882	.1407	7.111	6.572	30
27.00	4.934	.1830	5.405	4.443	30
27.10	3.825	.2303	4.439	3.344	30
27.20	2.622	.2220	3.120	2.214	30
27.30	1.357	.2666	2.029	.845	30
27.40	-0.154	.2653	.286	-0.698	29
27.50	-1.922	.3183	-1.303	-2.605	26
27.60	-3.988	.4118	-3.463	-4.851	8

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	12.840	n/a	n/a	n/a	1
24.60	12.959	.1895	13.093	12.825	2
24.80	12.590	.3195	13.032	12.018	10
25.00	12.622	.3273	13.260	11.989	14
25.20	12.598	.3074	13.174	11.939	27
25.40	12.466	.3019	13.050	11.863	30
25.60	12.323	.2706	12.851	11.762	30
25.80	12.149	.2504	12.638	11.621	30
26.00	11.955	.2346	12.405	11.462	30
26.20	11.737	.2200	12.150	11.288	30
26.40	11.491	.2047	11.893	11.079	30
26.60	11.193	.1869	11.563	10.797	30
26.80	10.762	.1655	11.070	10.409	30
27.00	10.085	.1252	10.331	9.826	30
27.10	9.634	.1023	9.821	9.420	30
27.20	9.090	.0755	9.233	8.917	30
27.30	8.424	.0492	8.510	8.314	30
27.40	7.615	.0174	7.661	7.586	29
27.50	6.588	.0401	6.642	6.463	26
27.60	5.300	.0816	5.397	5.168	8

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	6.82	n/a	n/a	n/a	1
25.00	6.61	n/a	n/a	n/a	1
25.20	6.60	.417	6.89	6.30	2
25.40	6.28	.587	6.69	5.86	2
25.60	5.87	.212	6.02	5.72	2
25.80	5.43	.092	5.50	5.37	2
26.00	5.02	.304	5.24	4.81	2
26.20	4.66	.495	5.01	4.31	2
26.40	4.39	.396	4.67	4.11	2
26.60	4.11	.113	4.19	4.03	2
26.80	2.55	.863	3.16	1.94	2
27.00	.99	.608	1.42	.56	2
27.10	.54	.325	.77	.31	2
27.20	.39	.106	.47	.32	2
27.30	.35	.028	.37	.33	2
27.40	.42	.028	.44	.40	2
27.50	.56	.085	.62	.50	2
27.60	.97	n/a	n/a	n/a	1

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	1487	n/a	n/a	n/a	1
24.60	1488	4.2	1491	1485	2
24.80	1487	1.9	1490	1484	12
25.00	1485	2.0	1489	1481	17
25.20	1483	2.0	1487	1478	32
25.40	1481	2.0	1485	1477	35
25.60	1480	2.2	1484	1475	35
25.80	1479	2.1	1484	1475	35
26.00	1479	1.8	1483	1476	35
26.20	1480	1.4	1483	1477	35
26.40	1480	1.4	1483	1477	35
26.60	1479	1.0	1482	1477	35
26.80	1477	1.0	1479	1475	34
27.00	1476	1.0	1478	1474	31
27.10	1476	.8	1478	1474	30
27.20	1477	.7	1479	1476	30
27.30	1478	.6	1479	1477	30
27.40	1480	.5	1481	1479	29
27.50	1482	.5	1483	1481	26
27.60	1486	.9	1487	1484	8

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TEMPERATURE

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	1
23.80	13.38	n/a	n/a	n/a	2
24.00	12.57	.198	12.71	12.43	6
24.20	12.68	.585	13.28	11.97	13
24.40	12.07	.522	12.91	11.14	16
24.60	11.48	.524	12.28	10.42	16
24.80	10.55	.496	11.22	9.04	20
25.00	9.68	.437	10.29	8.38	20
25.20	8.73	.351	9.35	7.85	20
25.40	7.96	.398	8.70	7.31	20
25.60	7.48	.527	8.33	6.40	20
25.80	7.33	.490	8.06	6.53	20
26.00	7.32	.384	8.02	6.74	20
26.20	7.26	.368	7.93	6.55	20
26.40	7.15	.337	7.73	6.52	20
26.60	6.69	.263	7.14	6.22	19
26.80	5.54	.526	6.01	5.25	17
27.00	4.57	.154	4.81	4.39	16
27.10	4.25	.128	4.51	4.01	16
27.20	3.98	.099	4.21	3.76	16
27.30	3.67	.102	3.90	3.50	16
27.40	3.26	.105	3.51	3.07	16
27.50	2.79	.121	3.01	2.60	14
27.60	2.39	.070	2.46	2.32	3

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	1
31.794	n/a	n/a	n/a	2
31.798	.0417	31.828	31.769	6
32.092	.1302	32.217	31.944	13
32.185	.1177	32.374	31.954	16
32.307	.1098	32.484	32.060	16
32.350	.1067	32.491	32.030	20
32.409	.0897	32.543	32.160	20
32.476	.0676	32.593	32.321	20
32.585	.0768	32.742	32.457	20
32.749	.0955	32.910	32.559	20
32.977	.0875	33.112	32.839	20
33.229	.0682	33.352	33.132	20
33.472	.0649	33.590	33.346	20
33.705	.0588	33.809	33.598	20
33.879	.0450	33.957	33.792	19
33.949	.0342	34.020	33.906	17
34.060	.0172	34.093	34.034	16
34.142	.0173	34.177	34.110	16
34.232	.0134	34.264	34.204	16
34.319	.0131	34.348	34.298	16
34.395	.0116	34.424	34.373	16
34.467	.0135	34.491	34.447	14
34.549	.0074	34.555	34.543	3

DEPTH

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	1
23.80	3	n/a	n/a	n/a	2
24.00	19	17.7	31	6	6
24.20	15	11.4	35	2	13
24.40	21	10.3	40	1	16
24.60	26	9.5	44	11	16
24.80	33	8.8	48	16	20
25.00	40	9.5	58	24	20
25.20	52	13.1	79	36	20
25.40	68	14.3	94	47	20
25.60	85	12.9	110	68	20
25.80	99	12.2	123	79	20
26.00	111	11.5	133	93	20
26.20	126	10.9	150	107	20
26.40	149	13.6	182	124	20
26.60	197	20.7	235	158	19
26.80	311	26.5	358	249	17
27.00	474	35.3	543	400	16
27.10	572	35.0	628	496	16
27.20	697	32.6	736	622	16
27.30	837	31.8	871	761	16
27.40	1025	40.1	1081	954	16
27.50	1272	64.1	1397	1183	14
27.60	1530	49.0	1571	1476	3

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	1
411.1	n/a	n/a	n/a	2
392.3	.35	392.5	392.0	6
373.1	.18	373.3	372.9	13
354.2	.19	354.4	353.8	16
335.2	.15	335.4	334.9	20
316.3	.15	316.6	316.0	20
297.3	.16	297.6	297.1	20
278.5	.20	278.9	278.2	20
259.6	.24	260.0	259.2	20
240.8	.23	241.2	240.5	20
222.0	.22	222.4	221.6	20
203.2	.24	203.5	202.9	20
184.4	.19	184.8	184.1	20
165.8	.25	166.4	165.3	19
147.4	.31	147.9	146.9	17
129.4	.42	130.1	128.7	16
111.4	.36	111.9	110.7	16
102.5	.29	102.9	101.9	16
93.8	.22	94.1	93.3	16
85.0	.19	85.3	84.6	16
76.2	.23	76.5	75.8	14
67.1	.19	67.3	66.7	3
58.0	.10	58.1	57.9	3

THETA

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	1
23.80	13.38	n/a	n/a	n/a	2
24.00	12.57	.191	12.70	12.43	6
24.20	12.68	.585	13.27	11.96	13
24.40	12.07	.522	12.91	11.14	16
24.60	11.48	.524	12.28	10.42	16
24.80	10.55	.497	11.22	9.03	20
25.00	9.67	.438	10.29	8.37	20
25.20	8.72	.350	9.34	7.85	20
25.40	7.96	.397	8.69	7.30	20
25.60	7.47	.528	8.32	6.39	20
25.80	7.32	.491	8.06	6.52	20
26.00	7.31	.385	8.01	6.73	20
26.20	7.25	.369	7.92	6.54	20
26.40	7.13	.335	7.72	6.51	20
26.60	6.67	.263	7.12	6.15	19
26.80	5.51	.523	5.98	5.23	17
27.00	4.54	.123	4.77	4.36	16
27.10	4.20	.128	4.47	3.97	16
27.20	3.92	.100	4.16	3.71	16
27.30	3.61	.103	3.84	3.44	16
27.40	3.19	.108	3.44	2.99	16
27.50	2.70	.125	2.93	2.51	14
27.60	2.28	.075	2.36	2.21	3

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	1
405.1	n/a	n/a	n/a	2
389.6	.35	389.9	389.4	6
370.2	2.52	372.7	366.7	13
352.4	1.98	353.7	346.6	16
333.1	1.92	334.6	328.9	20
314.3	1.40	315.6	310.5	20
295.9	1.03	296.5	291.9	20
276.7	1.98	277.8	274.1	20
257.8	1.02	258.5	255.3	20
239.1	.45	239.5	237.9	20
220.1	.43	220.4	219.1	20
201.1	.41	201.4	200.0	20
182.3	.21	182.4	181.7	20
163.3	.12	163.4	163.0	20
144.3	.04	144.4	144.2	19
125.2	.15	125.4	124.8	17
106.2	.10	106.3	106.0	16
86.4	.06	86.8	86.6	16
67.7	.05	67.7	67.1	16
87.2	.03	87.2	87.1	16
77.6	.03	77.7	77.6	16
68.1	.05	68.1	68.0	16
58.5	.10	58.6	58.3	14
48.9	.12	49.0	48.8	3

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	.140	n/a	n/a	n/a	1
24.00	.750	.7212	1.260	.240	2
24.20	.608	.4626	1.420	.090	5
24.40	.798	.3911	1.570	.040	13
24.60	.940	.3636	1.720	.390	16
24.80	1.149	.3294	1.850	.550	20
25.00	1.377	.3492	2.160	.800	20
25.20	1.710	.4464	2.640	1.180	20
25.40	2.166	.4581	2.890	1.550	20
25.60	2.585	.4043	3.250	2.100	20
25.80	2.896	.3815	3.560	2.380	20
26.00	3.155	.3584	3.760	2.610	20
26.20	3.447	.3387	4.090	2.890	20
26.40	3.855	.3908	4.660	3.180	20
26.60	4.612	.4807	5.560	3.770	19
26.80	6.209	.5152	6.920	5.050	17
27.00	8.181	.6197	9.080	6.850	16
27.10	9.241	.6173	9.990	7.880	16
27.20	10.478	.5881	11.090	9.130	16
27.30	11.744	.5724	12.350	10.370	16
27.40	13.269	.5935	13.860	11.930	16
27.50	15.033	.7530	16.080	13.590	14
27.60	16.397	.8129	17.280	15.680	3

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.00	n/a	n/a	n/a	1
.11	.134	.40	.01	2
.07	.097	.26	.00	6
.10	.085	.31	.00	13
.14	.098	.38	.02	16
.20	.107	.44	.04	20
.29	.136	.60	.10	20
.46	.236	1.02	.21	20
.74	.306	1.29	.35	20
1.07	.325	1.69	.71	20
1.36	.345	2.07	.91	20
1.63	.351	2.34	1.14	20
1.99	.364	2.81	1.43	20
2.57	.481	3.77	1.77	20
3.92	.783	5.72	2.60	19
8.06	1.298	10.23	5.20	17
15.99	2.388	20.69	11.17	16
21.68	2.718	26.20	15.92	16
29.73	2.966	33.74	23.05	16
39.69	3.270	43.02	31.95	16
54.31	4.392	60.02	45.58	16
75.36	7.411	89.23	63.62	14
96.74	6.209	102.69	90.30	3

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	1
24.00	13.217	n/a	13.226	12.100	2
24.20	12.663	.7962	13.147	11.939	5
24.40	12.510	.4759	13.070	11.731	10
24.60	12.236	.4204	12.917	11.426	13
24.80	12.106	.4309	12.434	10.673	16
25.00	11.816	.4829	12.217	10.553	16
25.20	11.581	.4401	11.762	10.379	16
25.40	11.217	.4376	11.242	10.218	16
25.60	10.749	.3367	10.623	10.024	16
25.80	10.366	.2659	10.656	9.748	16
26.00	10.063	.2638	10.395	9.511	16
26.20	9.812	.2478	9.965	9.191	16
26.40	9.518	.2258	9.438	8.810	16
26.60	9.103	.2030	8.809	7.904	16
26.80	8.357	.2095	7.151	6.441	16
27.00	6.785	.1965	5.348	4.192	16
27.10	4.817	.2870	4.316	3.277	16
27.20	3.756	.2775	3.073	2.200	16
27.30	2.519	.2497	1.834	.997	16
27.40	1.255	.2441	.275	-0.710	16
27.50	-0.270	.3128	-1.384	-3.005	14
27.60	-2.053	.4876	-3.224	-3.916	3
	-3.603	.3506			

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	1
13.360	.0905	13.460	13.332	2
13.396	.3607	13.447	12.556	5
13.190	.3453	13.430	12.459	10
13.041	.3001	13.408	12.443	13
13.006	.3452	13.375	12.158	16
12.881	.3459	13.300	12.065	16
12.812	.3421	13.209	11.962	16
12.721	.3322	13.078	11.848	16
12.603	.3142	12.892	11.724	16
12.455	.2975	12.668	11.586	16
12.279	.2933	12.442	11.423	16
12.080	.2700	12.234	11.232	16
11.858	.2550	11.979	11.007	16
11.602	.2312	11.655	10.740	16
11.289	.1982	11.154	10.376	16
10.839	.1385	10.322	9.807	16
10.133	.1051	9.792	9.410	16
9.668	.0727	9.197	8.929	16
9.113	.0409	8.483	8.333	16
8.436	.0202	7.637	7.573	16
7.611	.0499	6.650	6.501	14
6.569	.0662	5.414	5.290	3
5.365				

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	1
1498	n/a	n/a	n/a	2
1496	.7	1496	1495	6
1496	2.0	1498	1494	13
1495	1.9	1498	1491	16
1493	2.0	1495	1488	20
1490	1.9	1492	1484	20
1487	1.8	1489	1481	20
1483	1.4	1486	1480	20
1481	1.8	1484	1478	20
1479	2.2	1483	1475	20
1479	2.0	1482	1476	20
1480	1.7	1482	1477	20
1480	1.5	1483	1477	20
1480	1.5	1483	1478	20
1479	1.0	1481	1478	19
1477	1.2	1479	1476	17
1476	.7	1477	1475	16
1476	.8	1477	1475	16
1477	.6	1478	1476	16
1479	.5	1479	1478	16
1480	.5	1481	1479	16
1482	.7	1483	1481	14
1485	.6	1485	1484	3

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	15.14	n/a	n/a	n/a	1
24.00	14.21	.281	14.47	13.95	4
24.20	13.47	.321	13.81	13.16	6
24.40	12.71	.267	13.21	12.30	11
24.60	11.86	.326	12.40	11.32	12
24.80	10.95	.384	11.72	10.33	12
25.00	9.95	.351	10.61	9.45	12
25.20	8.97	.349	9.71	8.45	12
25.40	8.07	.331	8.77	7.49	12
25.60	7.66	.526	8.22	6.40	12
25.80	7.51	.505	8.07	6.48	12
26.00	7.39	.505	8.10	6.61	12
26.20	7.26	.502	7.92	6.46	12
26.40	7.09	.418	7.64	6.47	12
26.60	6.63	.312	6.98	6.16	12
26.80	5.51	.294	5.91	4.9	12
27.00	4.63	.192	4.89	4.38	10
27.10	4.30	.164	4.49	4.03	10
27.20	4.01	.144	4.15	3.71	10
27.30	3.66	.101	3.79	3.53	10
27.40	3.26	.078	3.36	3.15	8
27.50	2.80	.078	2.91	2.68	7
27.60	2.30	.028	2.32	2.28	2

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.194	n/a	n/a	n/a	1
32.203	.0697	32.264	32.132	4
32.265	.0660	32.348	32.189	6
32.342	.0518	32.449	32.276	11
32.395	.0603	32.512	32.330	12
32.442	.0734	32.599	32.339	12
32.476	.0714	32.647	32.392	12
32.521	.0684	32.682	32.425	12
32.602	.0631	32.745	32.493	12
32.783	.0946	32.889	32.559	12
33.011	.0914	33.119	32.826	12
33.242	.0932	33.372	33.102	12
33.473	.0894	33.586	33.331	12
33.696	.0735	33.794	33.588	12
33.869	.0527	33.929	33.793	12
33.944	.0454	34.005	33.857	12
34.069	.0274	34.108	34.033	10
34.149	.0223	34.174	34.114	10
34.236	.0196	34.255	34.197	10
34.317	.0124	34.333	34.301	10
34.396	.0092	34.407	34.382	8
34.468	.0098	34.479	34.456	7
34.542	.0076	34.544	34.540	2

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	36	n/a	n/a	n/a	1
24.00	24	10.5	38	14	4
24.20	24	10.1	40	13	6
24.40	25	8.8	42	14	11
24.60	29	8.1	43	18	12
24.80	34	8.1	47	20	12
25.00	42	7.4	53	25	12
25.20	54	10.9	72	30	12
25.40	75	16.7	109	45	12
25.60	92	14.3	121	69	12
25.80	105	12.7	129	83	12
26.00	118	12.1	140	97	12
26.20	134	13.7	155	113	12
26.40	157	13.1	175	134	12
26.60	203	18.7	230	168	12
26.80	316	27.8	359	271	12
27.00	477	31.8	524	431	10
27.10	575	41.2	616	497	10
27.20	700	39.4	743	631	10
27.30	845	38.7	889	789	10
27.40	1027	38.6	1074	964	8
27.50	1274	48.2	1330	1198	7
27.60	1587	11.3	1595	1579	2

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
411.9	n/a	n/a	n/a	1
392.5	.55	393.8	392.3	4
373.4	.25	373.8	373.2	6
354.3	.18	354.6	354.1	11
335.3	.16	335.6	335.1	12
316.3	.14	316.6	316.1	12
297.4	.17	297.6	297.0	12
278.5	.20	278.9	278.1	12
259.7	.28	260.3	259.2	12
240.9	.37	241.4	240.5	12
222.1	.26	222.5	221.6	12
203.3	.22	203.5	202.9	12
184.6	.25	184.9	184.2	12
165.9	.28	166.4	165.5	12
147.5	.38	148.0	147.0	12
129.4	.49	130.1	128.6	12
111.5	.45	112.2	110.9	10
102.6	.45	103.1	101.9	10
93.9	.40	94.3	93.3	10
85.0	.25	85.4	84.6	10
76.2	.21	76.4	75.9	8
67.2	.18	67.4	66.9	7
58.0	.00	58.0	58.0	2

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	15.13	n/a	n/a	n/a	1
24.00	14.20	.278	14.46	13.95	4
24.20	13.47	.270	13.81	13.16	6
24.40	12.71	.267	13.21	12.30	11
24.60	11.86	.324	12.39	11.32	12
24.80	10.95	.383	11.71	10.33	12
25.00	9.95	.350	10.61	9.45	12
25.20	8.96	.350	9.70	8.44	12
25.40	8.07	.328	8.76	7.49	12
25.60	7.66	.326	8.21	6.39	12
25.80	7.50	.505	8.06	6.47	12
26.00	7.38	.505	8.09	6.60	12
26.20	7.25	.500	7.91	6.45	12
26.40	7.08	.415	7.62	6.46	12
26.60	6.61	.310	6.96	6.16	12
26.80	5.48	.291	5.88	4.91	12
27.00	4.58	.190	4.85	4.35	10
27.10	4.25	.166	4.46	3.99	10
27.20	3.95	.141	4.10	3.66	10
27.30	3.59	.103	3.73	3.46	10
27.40	3.19	.083	3.29	3.07	8
27.50	2.71	.080	2.82	2.59	7
27.60	2.19	.028	2.21	2.17	2

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
410.4	n/a	n/a	n/a	1
391.0	.72	391.7	390.0	4
372.1	.45	372.6	371.3	6
353.3	1.47	353.7	349.5	11
333.1	1.96	334.6	326.3	12
314.1	1.86	315.5	309.6	12
295.0	1.60	296.6	292.0	12
276.9	.59	277.5	275.9	12
258.0	.57	258.5	256.7	12
239.0	.48	239.5	238.1	12
220.0	.51	220.5	218.9	12
201.2	.39	201.5	200.1	12
182.3	.23	182.4	181.7	12
163.3	.11	163.4	163.0	12
144.3	.07	144.4	144.2	12
125.2	.19	125.4	124.9	12
106.2	.14	106.3	105.9	10
96.7	.06	96.8	96.6	10
87.1	.08	87.2	87.0	10
77.6	.05	77.7	77.6	10
68.0	.09	68.1	67.9	8
58.4	.14	58.6	58.2	7
48.7	.01	48.7	48.7	2

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DELTA D

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	1.540	n/a	n/a	n/a	1
24.00	.980	.4695	1.620	.550	4
24.20	.958	.4480	1.690	.480	6
24.40	.959	.3780	1.740	.510	11
24.60	1.098	.3498	1.790	.650	12
24.80	1.252	.3422	1.840	.720	12
25.00	1.490	.3168	2.010	.870	12
25.20	1.861	.3967	2.390	1.010	12
25.40	2.410	.5277	3.310	1.430	12
25.60	2.842	.4664	3.620	2.120	12
25.80	3.159	.4322	3.810	2.440	12
26.00	3.422	.4157	4.050	2.750	12
26.20	3.730	.4207	4.330	3.060	12
26.40	4.136	.4249	4.810	3.430	12
26.60	4.853	.4669	5.670	4.030	12
26.80	6.417	.5586	7.100	5.440	12
27.00	8.418	.5856	9.080	7.420	10
27.10	9.471	.6858	10.300	8.400	10
27.20	10.710	.6712	11.460	9.620	10
27.30	12.015	.6480	12.780	10.930	10
27.40	13.451	.6654	14.180	12.410	8
27.50	15.253	.7290	15.940	14.000	7
27.60	16.590	.2545	16.770	16.410	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.29	n/a	n/a	n/a	1
.14	.128	.32	.04	4
.14	.119	.35	.03	6
.14	.099	.37	.04	11
.17	.103	.39	.06	12
.22	.111	.41	.07	12
.31	.115	.51	.11	12
.51	.184	.83	.15	12
.89	.376	1.72	.30	12
1.55	.395	2.09	.70	12
1.57	.393	2.33	.94	12
1.87	.403	2.66	1.23	12
2.26	.447	3.09	1.56	12
2.87	.489	3.56	2.04	12
4.20	.708	5.33	2.89	12
8.17	1.396	10.47	6.06	12
15.39	2.188	19.57	13.16	10
22.13	3.067	25.45	16.98	10
30.25	3.510	34.02	24.58	10
40.58	3.958	45.08	35.00	10
54.81	4.508	59.34	47.78	8
75.99	6.202	82.15	66.37	7
101.65	1.379	102.63	100.68	2

DELTA DH

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	12.220	n/a	n/a	n/a	1
24.00	12.640	.4320	12.923	12.143	3
24.20	12.506	.3006	12.753	12.074	4
24.40	12.333	.2561	12.710	11.891	9
24.60	12.198	.2844	12.526	11.640	9
24.80	12.048	.3175	12.408	11.478	9
25.00	11.787	.3223	12.093	11.168	9
25.20	11.382	.3560	11.928	10.845	9
25.40	10.793	.3893	11.513	10.313	9
25.60	10.328	.2921	10.726	9.877	9
25.80	10.002	.2437	10.340	9.598	9
26.00	9.761	.2614	10.128	9.410	9
26.20	9.466	.2829	9.936	9.020	9
26.40	9.044	.2399	9.307	8.530	9
26.60	8.327	.2095	8.581	7.925	9
26.80	6.719	.2062	7.076	6.423	9
27.00	4.771	.2221	5.101	4.408	9
27.10	3.711	.3247	4.360	3.404	9
27.20	2.470	.3063	3.049	2.167	9
27.30	1.155	.2898	1.619	.846	9
27.40	-0.284	.3015	-.200	-0.661	8
27.50	-2.072	.3756	-1.487	-2.508	7
27.60	-3.947	.0778	-3.892	-4.002	2

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
13.730	n/a	n/a	n/a	1
13.557	.0966	13.659	13.467	3
13.435	.1533	13.583	13.225	4
13.153	.3746	13.614	12.511	9
13.105	.3643	13.559	12.468	9
13.050	.3561	13.497	12.417	9
12.985	.3505	13.425	12.353	9
12.896	.3430	13.324	12.269	9
12.775	.3267	13.155	12.159	9
12.612	.3084	12.934	12.020	9
12.420	.2921	12.697	11.861	9
12.204	.2792	12.462	11.683	9
11.966	.2699	12.238	11.481	9
11.692	.2620	11.987	11.248	9
11.366	.2461	11.640	10.970	9
10.904	.2116	11.128	10.563	9
10.177	.1567	10.329	9.905	9
9.704	.1255	9.815	9.478	9
9.144	.0858	9.225	8.998	9
8.452	.0437	8.504	8.379	9
7.615	.0185	7.636	7.586	8
6.573	.0365	6.625	6.533	7
5.364	.0191	5.378	5.351	2

OXYGEN

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	6.46	n/a	n/a	n/a	1
24.20	6.61	n/a	n/a	n/a	1
24.40	6.52	.304	6.74	6.31	2
24.60	6.53	.318	6.85	6.40	2
24.80	6.72	.318	6.95	6.50	2
25.00	6.79	.325	7.02	6.56	2
25.20	6.82	.290	7.02	6.61	2
25.40	6.61	.106	6.68	6.53	2
25.60	5.82	.339	6.06	5.58	2
25.80	5.03	.346	5.27	4.78	2
26.00	4.34	.198	4.48	4.20	2
26.20	3.65	.021	3.66	3.63	2
26.40	3.00	.191	3.13	2.86	2
26.60	2.50	.205	2.64	2.35	2
26.80	1.78	.148	1.89	1.68	2
27.00	.88	.057	.92	.84	2
27.10	.58	.141	.68	.48	2
27.20	.49	.226	.65	.33	2
27.30	.40	.233	.57	.24	2
27.40	.41	.163	.53	.30	2
27.50	.59	.219	.74	.43	2
27.60	.90	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1505	n/a	n/a	n/a	1
1502	1.8	1503	1501	4
1499	.8	1500	1498	6
1497	1.0	1499	1495	11
1494	1.2	1496	1492	12
1491	1.4	1494	1489	12
1488	1.3	1490	1486	12
1484	1.5	1487	1482	12
1481	1.7	1484	1478	12
1480	2.2	1482	1475	12
1480	2.1	1483	1476	12
1480	2.1	1483	1477	12
1480	2.2	1483	1477	12
1480	1.9	1483	1478	12
1479	1.5	1481	1477	12
1477	1.0	1479	1474	12
1476	1.3	1478	1474	10
1477	1.1	1478	1475	10
1477	.8	1478	1476	10
1478	.7	1479	1477	10
1480	.5	1480	1479	8
1482	.7	1483	1481	7
1485	.0	1485	1485	2

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	15.89	1.018	16.84	13.83	8
23.60	15.36	.716	16.37	13.30	17
23.80	14.64	.739	15.93	12.84	20
24.00	13.96	.731	15.08	12.43	24
24.20	13.09	.705	14.14	11.63	26
24.40	12.21	.675	13.25	10.95	26
24.60	11.37	.604	12.26	10.08	26
24.80	10.52	.500	11.40	9.54	26
25.00	9.67	.359	10.29	9.09	26
25.20	8.81	.318	9.47	8.32	26
25.40	8.12	.426	8.85	7.35	26
25.60	7.72	.496	8.50	6.85	26
25.80	7.52	.425	8.31	6.88	26
26.00	7.45	.337	8.11	6.95	26
26.20	7.38	.295	7.95	6.85	26
26.40	7.22	.261	7.75	6.77	26
26.60	6.72	.204	7.10	6.20	26
26.80	5.60	.200	5.96	5.12	26
27.00	4.64	.139	4.90	4.36	22
27.10	4.32	.097	4.54	4.17	22
27.20	4.01	.084	4.20	3.86	22
27.30	3.68	.074	3.81	3.50	22
27.40	3.29	.073	3.42	3.16	22
27.50	2.83	.077	2.99	2.72	19
27.60	2.33	.102	2.54	2.22	7

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	31.912	.2622	32.166	31.398	8
23.60	32.013	.1834	32.296	31.527	17
23.80	32.073	.1887	32.416	31.638	20
24.00	32.152	.1933	32.449	31.736	24
24.20	32.199	.1800	32.472	31.840	26
24.40	32.240	.1688	32.493	31.929	26
24.60	32.296	.1406	32.512	31.997	26
24.80	32.356	.1097	32.530	32.118	26
25.00	32.417	.0769	32.538	32.284	26
25.20	32.494	.0663	32.638	32.386	26
25.40	32.613	.0807	32.767	32.465	26
25.60	32.794	.0912	32.933	32.633	26
25.80	33.011	.0775	33.152	32.894	26
26.00	33.254	.0606	33.371	33.168	26
26.20	33.492	.0524	33.594	33.398	26
26.40	33.718	.0464	33.813	33.638	26
26.60	33.884	.0351	33.950	33.797	26
26.80	33.959	.0306	34.012	33.885	26
27.00	34.069	.0194	34.107	34.031	22
27.10	34.152	.0135	34.184	34.130	22
27.20	34.236	.0115	34.262	34.216	22
27.30	34.320	.0103	34.337	34.299	22
27.40	34.399	.0086	34.414	34.385	22
27.50	34.472	.0064	34.489	34.462	19
27.60	34.545	.0074	34.563	34.536	7

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	12	6.1	25	6	8
23.60	17	6.1	30	7	17
23.80	22	8.7	45	11	20
24.00	26	8.4	47	12	24
24.20	29	7.7	49	18	26
24.40	33	7.8	55	22	26
24.60	37	7.8	59	25	26
24.80	42	7.3	64	30	26
25.00	49	8.5	73	36	26
25.20	59	11.2	84	44	26
25.40	74	12.2	99	54	26
25.60	89	11.0	117	66	26
25.80	102	10.8	129	80	26
26.00	114	10.6	138	93	26
26.20	129	11.5	152	109	26
26.40	153	13.1	183	126	26
26.60	202	19.7	264	169	26
26.80	317	27.7	399	265	26
27.00	481	33.4	574	425	22
27.10	583	35.3	676	529	22
27.20	700	34.8	784	644	22
27.30	844	34.7	923	797	22
27.40	1026	40.1	1089	951	22
27.50	1261	47.4	1350	1171	19
27.60	1593	92.9	1719	1417	7

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	449.5	.21	449.9	449.2	8
23.60	430.5	.20	430.9	430.1	17
23.80	411.5	.26	412.1	411.2	20
24.00	392.5	.20	393.0	392.2	24
24.20	373.4	.19	373.9	373.1	26
24.40	354.4	.19	354.9	354.1	26
24.60	335.4	.20	335.9	334.9	26
24.80	316.4	.21	317.0	315.9	26
25.00	297.5	.21	298.0	297.0	26
25.20	278.6	.21	279.0	278.2	26
25.40	259.7	.24	260.2	259.4	26
25.60	240.9	.22	241.4	240.5	26
25.80	222.1	.21	222.6	221.7	26
26.00	203.2	.21	203.8	202.9	26
26.20	184.5	.22	185.0	184.1	26
26.40	165.9	.23	166.5	165.4	26
26.60	147.5	.33	148.4	147.0	26
26.80	129.5	.42	130.6	128.9	26
27.00	111.5	.39	112.6	110.9	22
27.10	102.7	.36	103.5	102.0	22
27.20	93.9	.28	94.5	93.4	22
27.30	85.1	.25	85.5	84.7	22
27.40	76.2	.20	76.6	76.0	22
27.50	67.2	.22	67.6	66.8	19
27.60	58.1	.19	58.4	57.8	7

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	15.89	1.017	16.84	13.83	8
23.60	15.36	.715	16.36	13.30	17
23.80	14.64	.737	15.92	12.84	20
24.00	13.96	.731	15.08	12.42	24
24.20	13.09	.704	14.13	11.63	26
24.40	12.20	.674	13.24	10.95	26
24.60	11.36	.604	12.26	10.08	26
24.80	10.52	.498	11.39	9.54	26
25.00	9.66	.358	10.28	9.09	26
25.20	8.80	.317	9.47	8.31	26
25.40	8.11	.424	8.84	7.34	26
25.60	7.71	.496	8.49	6.84	26
25.80	7.51	.424	8.30	6.88	26
26.00	7.44	.336	8.10	6.94	26
26.20	7.36	.295	7.94	6.84	26
26.40	7.20	.262	7.74	6.75	26
26.60	6.70	.204	7.08	6.18	26
26.80	5.58	.198	5.92	5.10	26
27.00	4.60	.136	4.87	4.33	22
27.10	4.28	.096	4.50	4.12	22
27.20	3.96	.084	4.15	3.80	22
27.30	3.62	.074	3.75	3.44	22
27.40	3.21	.075	3.35	3.09	22
27.50	2.74	.078	2.91	2.63	19
27.60	2.22	.109	2.44	2.10	7

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	447.2	2.13	449.0	442.8	8
23.60	428.5	1.81	430.9	423.1	17
23.80	409.5	1.34	410.7	406.5	20
24.00	390.1	1.70	391.8	386.2	24
24.20	370.1	2.44	372.6	363.6	26
24.40	350.8	3.07	353.7	343.9	26
24.60	331.9	2.96	334.7	324.4	26
24.80	313.3	2.31	315.5	305.6	26
25.00	295.2	1.76	296.6	289.0	26
25.20	276.5	1.24	277.5	273.0	26
25.40	257.9	.58	258.5	256.7	26
25.60	238.9	.51	239.5	238.0	26
25.80	220.0	.39	220.4	219.0	26
26.00	201.0	.37	201.4	200.3	26
26.20	182.2	.20	182.4	181.8	26
26.40	163.3	.10	163.4	163.1	26
26.60	144.3	.04	144.4	144.3	26
26.80	125.1	.18	125.3	124.7	26
27.00	106.2	.10	106.3	106.0	22
27.10	96.6	.07	96.7	96.5	22
27.20	87.1	.05	87.2	87.1	22
27.30	77.6	.04	77.7	77.6	22
27.40	68.0	.08	68.1	67.9	22
27.50	58.4	.13	58.6	58.2	19
27.60	48.7	.16	49.0	48.5	7

STATION MP08 A U G U S T 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	.560	.2778	1.150	.300	8
23.60	.754	.2708	1.300	.320	17
23.80	.958	.3685	1.920	.490	20
24.00	1.104	.3595	2.000	.480	24
24.20	1.231	.3271	2.080	.780	26
24.40	1.365	.3298	2.290	.900	26
24.60	1.507	.3247	2.420	1.040	26
24.80	1.680	.3077	2.600	1.260	26
25.00	1.893	.3446	2.860	1.420	26
25.20	2.185	.4246	3.190	1.610	26
25.40	2.573	.4493	3.590	1.860	26
25.60	2.961	.4099	4.060	2.150	26
25.80	3.260	.4006	4.350	2.470	26
26.00	3.511	.3803	4.530	2.770	26
26.20	3.810	.3807	4.750	3.080	26
26.40	4.234	.3885	5.160	3.380	26
26.60	5.001	.4353	6.000	4.030	26
26.80	6.582	.5121	7.780	5.610	26
27.00	8.533	.5505	9.620	7.330	22
27.10	9.631	.5690	10.730	8.430	22
27.20	10.797	.5674	11.800	9.570	22
27.30	12.090	.5731	12.820	10.940	22
27.40	13.575	.6168	14.410	12.370	22
27.50	15.243	.6478	16.170	14.170	19
27.60	17.264	.9232	18.500	15.710	7

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.04	.046	.15	.01	8
.07	.053	.20	.01	17
.12	.103	.44	.03	20
.16	.111	.48	.03	24
.19	.109	.52	.07	26
.24	.122	.64	.10	26
.29	.128	.71	.13	26
.36	.136	.82	.18	26
.46	.172	1.01	.24	26
.63	.246	1.27	.34	26
.90	.312	1.65	.48	26
1.22	.323	2.17	.66	26
1.51	.345	2.53	.90	26
1.79	.355	2.78	1.16	26
2.16	.396	3.09	1.48	26
2.78	.473	3.78	1.84	26
4.19	.756	6.61	2.83	26
8.41	1.410	12.60	5.99	26
16.52	2.320	23.14	12.68	22
22.52	2.800	30.23	18.09	22
30.20	3.169	38.31	24.95	22
40.44	3.612	47.37	35.09	22
54.72	4.515	63.24	47.22	22
74.63	5.749	84.78	64.67	19
104.84	11.189	121.46	85.22	7

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	12.727	.2307	13.010	12.459	7
23.60	12.686	.2818	13.295	12.265	15
23.80	12.540	.3024	13.128	12.068	16
24.00	12.299	.2905	12.959	11.617	20
24.20	12.126	.3226	12.844	11.500	22
24.40	11.998	.3174	12.720	11.405	22
24.60	11.858	.3091	12.579	11.322	22
24.80	11.682	.3006	12.348	11.149	22
25.00	11.466	.3041	12.172	10.937	22
25.20	11.171	.3175	12.008	10.695	22
25.40	10.770	.3101	11.622	10.274	22
25.60	10.388	.2673	11.139	10.068	22
25.80	10.097	.2752	10.885	9.801	22
26.00	9.851	.2952	10.607	9.416	22
26.20	9.552	.2998	10.242	8.988	22
26.40	9.131	.2570	9.785	8.611	22
26.60	8.346	.2287	8.731	7.624	22
26.80	6.758	.2409	7.145	5.933	22
27.00	4.763	.2644	5.182	3.998	22
27.10	3.664	.2780	4.077	2.894	22
27.20	2.499	.2715	2.938	1.817	22
27.30	1.207	.2717	1.567	.572	22
27.40	-0.277	.3150	.303	-0.785	22
27.50	-1.979	.3685	-1.290	-2.680	19
27.60	-4.057	.6652	-2.840	-5.004	7

ACC. POT.

MEAN	S.D.	MAX	MIN	N
13.311	.2877	13.725	12.869	7
13.421	.2705	13.740	12.849	15
13.384	.2506	13.675	12.818	16
13.257	.2820	13.614	12.759	20
13.170	.3060	13.551	12.480	22
13.114	.3021	13.499	12.429	22
13.050	.2983	13.453	12.374	22
12.978	.2951	13.397	12.309	22
12.895	.2920	13.328	12.234	22
12.795	.2853	13.249	12.150	22
12.672	.2751	13.154	12.055	22
12.519	.2659	13.027	11.942	22
12.341	.2582	12.869	11.805	22
12.140	.2532	12.690	11.642	22
11.916	.2509	12.483	11.453	22
11.657	.2467	12.227	11.229	22
11.339	.2326	11.901	10.968	22
10.881	.1991	11.404	10.573	22
10.166	.1420	10.518	9.938	22
9.697	.1135	9.951	9.516	22
9.130	.0787	9.288	9.010	22
8.448	.0475	8.537	8.374	22
7.617	.0158	7.642	7.595	22
6.584	.0351	6.650	6.528	19
5.312	.0957	5.444	5.155	7

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	5.83	n/a	n/a	n/a	1
23.60	6.00	.049	6.04	5.97	2
23.80	6.19	.100	6.29	6.09	3
24.00	6.29	.110	6.42	6.22	3
24.20	6.38	.245	6.62	6.13	3
24.40	6.44	.402	6.79	6.00	3
24.60	6.41	.451	6.69	5.89	3
24.80	6.39	.516	6.76	5.80	3
25.00	6.31	.526	6.69	5.71	3
25.20	6.14	.307	6.43	5.82	3
25.40	5.89	.180	6.06	5.70	3
25.60	5.47	.140	5.57	5.31	3
25.80	4.98	.050	5.03	4.93	3
26.00	4.48	.146	4.58	4.31	3
26.20	4.10	.258	4.27	3.80	3
26.40	3.89	.308	4.23	3.63	3
26.60	3.66	.477	4.16	3.21	3
26.80	3.12	.579	3.73	2.58	3
27.00	1.10	.455	1.60	.71	3
27.10	.74	.312	1.09	.50	3
27.20	.54	.082	.63	.47	3
27.30	.37	.075	.46	.33	3
27.40	.39	.030	.42	.36	3
27.50	.59	.007	.60	.59	2
27.60	1.11	.049	1.14	1.07	2

SOUND

MEAN	S.D.	MAX	MIN	N
1506	3.6	1510	1499	8
1505	2.5	1509	1498	17
1503	2.8	1508	1496	20
1501	2.7	1505	1495	24
1498	2.6	1502	1493	26
1495	2.5	1499	1490	26
1492	2.4	1496	1487	26
1490	1.9	1493	1486	26
1487	1.4	1489	1484	26
1484	1.3	1486	1482	26
1482	1.9	1484	1478	26
1480	2.1	1484	1477	26
1480	1.9	1483	1477	26
1481	1.5	1483	1478	26
1481	1.2	1483	1479	26
1481	1.2	1483	1479	26
1480	1.0	1482	1478	26
1477	1.1	1480	1475	26
1476	.9	1478	1475	22
1477	.8	1478	1475	22
1478	.7	1479	1476	22
1479	.5	1479	1478	22
1480	.6	1481	1479	22
1482	.6	1483	1481	19
1486	1.0	1487	1484	7

STATION MP08 S E P T E M B E R 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	15.76	.297	15.97	15.55	2
23.60	15.53	.421	15.89	15.08	4
23.80	14.73	.401	15.52	14.17	12
24.00	14.00	.473	15.11	13.28	19
24.20	13.22	.527	14.53	12.39	22
24.40	12.40	.507	13.77	11.61	22
24.60	11.57	.467	12.80	10.86	22
24.80	10.74	.447	11.83	10.00	22
25.00	9.89	.419	10.84	9.20	22
25.20	9.01	.416	9.87	8.21	22
25.40	8.15	.419	8.96	7.38	22
25.60	7.59	.487	8.22	6.71	22
25.80	7.39	.428	7.98	6.70	22
26.00	7.30	.288	7.74	6.62	22
26.20	7.28	.311	7.75	6.55	22
26.40	7.17	.337	7.59	6.42	22
26.60	6.67	.237	7.18	6.17	22
26.80	5.56	.238	5.90	5.13	20
27.00	4.64	.190	5.05	4.16	19
27.10	4.33	.162	4.66	3.97	19
27.20	4.01	.108	4.26	3.83	19
27.30	3.70	.078	3.83	3.59	18
27.40	3.31	.067	3.42	3.18	18
27.50	2.81	.082	2.98	2.70	16
27.60	2.30	.062	2.41	2.22	7

SALINITY

MEAN	S.D.	MAX	MIN	N
31.892	.1498	31.998	31.786	2
32.070	.0964	32.154	31.965	4
32.096	.0994	32.302	31.922	12
32.172	.1203	32.440	31.965	19
32.242	.1253	32.544	32.030	22
32.298	.1197	32.603	32.085	22
32.354	.1042	32.615	32.163	22
32.410	.0924	32.631	32.276	22
32.468	.0823	32.656	32.328	22
32.534	.0792	32.698	32.374	22
32.618	.0819	32.767	32.470	22
32.770	.0886	32.889	32.609	22
32.988	.0757	33.090	32.864	22
33.226	.0529	33.309	33.105	22
33.475	.0545	33.558	33.348	22
33.709	.0587	33.783	33.580	22
33.877	.0404	33.964	33.793	22
33.953	.0362	34.005	33.889	20
34.069	.0265	34.128	34.003	19
34.153	.0218	34.198	34.105	19
34.236	.0146	34.269	34.213	19
34.323	.0109	34.340	34.308	18
34.402	.0070	34.413	34.385	18
34.469	.0085	34.487	34.458	16
34.542	.0047	34.550	34.534	7

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	13	.7	13	12	2
23.60	21	4.0	24	15	4
23.80	24	6.1	31	12	12
24.00	27	6.6	39	14	19
24.20	29	8.0	44	6	22
24.40	32	6.7	47	20	22
24.60	35	6.6	50	23	22
24.80	39	6.9	55	25	22
25.00	44	7.0	61	28	22
25.20	52	8.8	71	34	22
25.40	65	12.8	93	45	22
25.60	83	14.7	107	56	22
25.80	98	15.5	123	65	22
26.00	111	15.8	136	74	22
26.20	126	15.7	156	91	22
26.40	149	15.6	186	120	22
26.60	198	18.6	235	158	22
26.80	313	26.6	357	235	20
27.00	478	27.1	514	402	19
27.10	580	24.8	620	523	19
27.20	701	28.0	759	648	19
27.30	844	33.6	895	770	18
27.40	1026	31.0	1067	974	18
27.50	1277	44.4	1341	1184	16
27.60	1620	76.1	1721	1488	7

SVA

MEAN	S.D.	MAX	MIN	N
449.4	.16	449.5	449.3	2
430.6	.23	430.7	430.2	4
411.5	.20	411.8	411.1	12
392.4	.20	392.8	392.0	19
373.3	.25	373.9	373.0	22
354.3	.26	354.8	353.8	22
335.3	.26	335.8	334.7	22
316.3	.21	316.7	315.9	22
297.4	.18	297.7	297.0	22
278.5	.17	278.8	278.1	22
259.6	.21	260.1	259.3	22
240.8	.21	241.2	240.5	22
222.0	.21	222.4	221.6	22
203.2	.22	203.7	202.7	22
184.4	.22	185.0	184.0	22
165.8	.25	166.5	165.4	22
147.4	.30	148.0	146.8	22
129.4	.35	130.1	128.6	20
111.5	.35	112.1	110.7	19
102.7	.31	103.3	102.0	19
93.9	.30	94.5	93.1	19
85.1	.26	85.6	84.4	18
76.3	.25	76.7	75.6	18
67.2	.21	67.6	66.9	16
58.2	.28	58.6	57.7	7

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	15.76	.297	15.97	15.55	2
23.60	15.52	.422	15.89	15.07	4
23.80	14.73	.402	15.52	14.17	12
24.00	14.00	.473	15.11	13.28	19
24.20	13.21	.528	14.53	12.38	22
24.40	12.40	.507	13.77	11.60	22
24.60	11.56	.469	12.80	10.85	22
24.80	10.74	.447	11.82	10.00	22
25.00	9.88	.419	10.84	9.20	22
25.20	9.00	.417	9.87	8.21	22
25.40	8.15	.418	8.95	7.38	22
25.60	7.58	.486	8.21	6.70	22
25.80	7.38	.428	7.98	6.70	22
26.00	7.29	.290	7.73	6.60	22
26.20	7.27	.310	7.74	6.54	22
26.40	7.15	.335	7.57	6.41	22
26.60	6.65	.237	7.16	6.15	22
26.80	5.54	.237	5.87	5.10	20
27.00	4.60	.189	5.01	4.12	19
27.10	4.28	.161	4.61	3.93	19
27.20	3.95	.107	4.20	3.79	19
27.30	3.64	.080	3.77	3.52	18
27.40	3.24	.068	3.34	3.11	18
27.50	2.72	.084	2.89	2.60	16
27.60	2.19	.068	2.31	2.10	7

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
445.5	4.67	448.8	442.2	2
427.6	3.33	429.6	422.6	4
409.4	1.81	410.9	405.4	12
389.3	2.54	391.9	384.4	19
369.2	3.34	372.7	361.7	22
350.0	3.84	353.5	341.1	22
331.0	3.28	334.5	322.6	22
312.9	2.67	315.6	306.1	22
294.9	1.68	296.6	290.7	22
276.6	1.16	277.5	273.7	22
258.0	.70	258.5	256.2	22
239.0	.43	239.5	237.9	22
220.0	.47	220.5	218.9	22
201.1	.37	201.5	200.4	22
182.2	.25	182.4	181.7	22
163.3	.12	163.4	163.0	22
144.3	.04	144.4	144.3	22
125.2	.18	125.3	124.7	20
106.2	.08	106.3	106.0	19
96.7	.05	96.8	96.6	19
87.2	.05	87.2	87.1	19
77.6	.05	77.7	77.5	18
68.0	.08	68.1	67.9	18
58.4	.11	58.6	58.2	16
48.7	.19	49.0	48.4	7

STATION MP08 S E P T E M B E R 1956 to 1998

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	.590	.0283	.610	.570	2
23.60	.927	.1500	1.060	.720	4
23.80	1.012	.2602	1.330	.530	12
24.00	1.130	.2616	1.550	.580	19
24.20	1.204	.3267	1.730	.210	22
24.40	1.317	.2688	1.860	.780	22
24.60	1.416	.2632	1.950	.860	22
24.80	1.532	.2666	2.100	.930	22
25.00	1.686	.2695	2.300	1.020	22
25.20	1.910	.3118	2.590	1.170	22
25.40	2.274	.4112	3.090	1.470	22
25.60	2.715	.4468	3.520	1.740	22
25.80	3.063	.4530	3.900	1.960	22
26.00	3.345	.4614	4.160	2.160	22
26.20	3.650	.4616	4.560	2.490	22
26.40	4.040	.4576	5.090	2.990	22
26.60	4.809	.4739	5.860	3.990	22
26.80	6.406	.5592	7.260	5.060	20
27.00	8.405	.5768	9.440	7.070	19
27.10	9.505	.5586	10.440	8.370	19
27.20	10.710	.5916	11.840	9.590	19
27.30	12.001	.6514	13.160	10.690	18
27.40	13.483	.6012	14.440	12.390	18
27.50	15.355	.6098	16.220	14.360	16
27.60	17.523	.6975	18.340	16.450	7

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.04	.000	.04	.04	2
.10	.032	.13	.06	4
.13	.063	.21	.03	12
.16	.071	.31	.04	19
.19	.088	.39	.01	22
.22	.091	.45	.08	22
.26	.096	.49	.10	22
.30	.104	.57	.12	22
.37	.119	.70	.14	22
.48	.161	.89	.19	22
.71	.265	1.33	.31	22
1.05	.350	1.73	.45	22
1.37	.404	2.18	.59	22
1.68	.453	2.53	.73	22
2.05	.508	3.13	1.01	22
2.59	.572	4.05	1.55	22
3.96	.738	5.71	2.64	22
8.15	1.303	10.33	4.74	20
16.23	1.892	19.24	11.26	19
22.20	2.075	25.52	17.47	19
30.14	2.621	35.28	24.83	19
40.40	3.432	45.91	32.75	18
54.63	3.620	60.00	48.06	18
76.30	3.230	83.64	66.25	16
108.73	9.261	121.75	92.72	7

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	12.673	.2248	12.832	12.514	2
23.60	12.415	.1115	12.509	12.262	4
23.80	12.165	.2550	12.472	11.569	11
24.00	12.161	.3210	12.767	11.450	15
24.20	12.035	.3306	12.311	11.368	18
24.40	11.914	.3297	12.238	11.296	18
24.60	11.814	.3326	12.169	11.222	18
24.80	11.703	.3327	12.064	11.144	18
25.00	11.543	.2147	11.809	11.048	18
25.20	11.312	.2304	11.605	10.782	18
25.40	10.924	.2595	11.307	10.376	18
25.60	10.467	.2535	10.904	10.061	18
25.80	10.112	.2343	10.568	9.697	18
26.00	9.839	.2496	10.303	9.414	18
26.20	9.541	.2603	10.064	9.147	18
26.40	9.154	.2413	9.634	8.760	18
26.60	8.386	.1614	8.591	8.032	18
26.80	6.794	.2094	7.411	6.475	18
27.00	4.790	.2173	5.403	4.533	18
27.10	3.696	.1891	4.094	3.421	18
27.20	2.492	.2172	2.870	2.042	18
27.30	1.204	.2618	1.781	.806	18
27.40	-0.277	.2429	.125	-0.603	18
27.50	-2.098	.3438	-1.397	-2.587	16
27.60	-4.258	.5399	-3.324	-5.007	7

ACC. POT.

MEAN	S.D.	MAX	MIN	N
13.244	.2121	13.394	13.094	2
13.301	.1957	13.533	13.067	4
13.109	.3582	13.598	12.459	11
13.185	.3995	13.969	12.415	15
13.097	.3963	13.891	12.366	18
13.039	.3851	13.803	12.313	18
12.976	.3745	13.710	12.256	18
12.907	.3640	13.610	12.195	18
12.831	.3531	13.499	12.130	18
12.743	.3412	13.375	12.055	18
12.634	.3256	13.227	11.957	18
12.493	.3062	13.043	11.830	18
12.320	.2851	12.825	11.677	18
12.121	.2645	12.582	11.501	18
11.897	.2448	12.310	11.301	18
11.641	.2283	11.997	11.066	18
11.328	.2085	11.683	10.792	18
10.877	.1695	11.152	10.451	18
10.169	.1194	10.381	9.883	18
9.700	.0963	9.884	9.475	18
9.136	.0758	9.274	8.955	18
8.457	.0468	8.534	8.335	18
7.626	.0217	7.660	7.563	18
6.578	.0336	6.634	6.524	16
5.273	.0652	5.362	5.191	7

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	6.08	.092	6.14	6.01	2
24.00	5.58	.903	6.19	4.54	3
24.20	5.51	1.050	6.24	4.31	3
24.40	5.46	1.187	6.29	4.10	3
24.60	5.40	1.319	6.33	3.89	3
24.80	5.36	1.449	6.39	3.70	3
25.00	5.34	1.597	6.52	3.52	3
25.20	5.32	1.773	6.63	3.30	3
25.40	5.23	1.880	6.52	3.07	3
25.60	4.79	1.682	5.84	2.85	3
25.80	4.39	1.029	5.29	3.27	3
26.00	4.22	.617	4.65	3.51	3
26.20	3.81	.569	4.28	3.18	3
26.40	3.09	.649	3.84	2.66	3
26.60	2.88	.922	3.93	2.20	3
26.80	1.99	.354	2.34	1.74	3
27.00	.80	.000	.80	.80	2
27.10	.55	.078	.60	.49	2
27.20	.41	.007	.41	.40	2
27.30	.38	.035	.40	.35	2
27.40	.39	.042	.42	.36	2
27.50	.56	.049	.60	.53	2
27.60	1.04	.177	1.17	.92	2

SOUND

MEAN	S.D.	MAX	MIN	N
1506	1.4	1507	1505	2
1506	1.5	1507	1504	4
1503	1.4	1506	1501	12
1501	1.7	1505	1498	19
1499	1.9	1503	1495	22
1496	1.9	1501	1493	22
1493	1.9	1498	1490	22
1490	1.7	1494	1488	22
1487	1.7	1491	1485	22
1485	1.7	1488	1481	22
1482	1.7	1485	1478	22
1480	2.0	1482	1476	22
1480	1.7	1482	1477	22
1480	1.2	1482	1477	22
1480	1.2	1482	1477	22
1480	1.4	1482	1478	22
1479	1.0	1481	1477	22
1477	1.1	1479	1475	20
1476	1.1	1478	1474	19
1477	.8	1478	1475	19
1478	.8	1479	1476	19
1479	.7	1480	1477	18
1480	.5	1481	1479	18
1482	.6	1483	1481	16
1486	1.0	1487	1484	7

STATION MP08 O C T O B E R 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	13.95	.471	14.40	13.46	3
24.20	13.17	.396	13.55	12.63	4
24.40	12.42	.316	12.64	11.81	6
24.60	11.59	.473	12.53	11.03	8
24.80	10.57	.539	11.64	9.86	9
25.00	9.69	.485	10.49	8.72	9
25.20	8.91	.339	9.41	8.17	9
25.40	8.11	.238	8.37	7.64	9
25.60	7.59	.350	7.97	7.04	9
25.80	7.38	.344	7.84	6.80	9
26.00	7.36	.321	7.77	6.76	9
26.20	7.35	.288	7.73	6.86	9
26.40	7.25	.182	7.55	6.93	9
26.60	6.83	.110	6.95	6.59	9
26.80	5.81	.196	6.13	5.43	9
27.00	4.77	.093	4.88	4.64	8
27.10	4.41	.194	4.78	4.16	8
27.20	4.09	.081	4.23	3.96	8
27.30	3.75	.061	3.84	3.66	8
27.40	3.34	.110	3.56	3.21	8
27.50	2.83	.100	3.05	2.73	8
27.60	2.28	.042	2.32	2.23	4

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	32.128	.1274	32.247	31.994	3
24.20	32.187	.0976	32.278	32.051	4
24.40	32.279	.0740	32.341	32.137	6
24.60	32.349	.1058	32.538	32.190	8
24.80	32.382	.1197	32.582	32.200	9
25.00	32.442	.1092	32.601	32.209	9
25.20	32.525	.0717	32.619	32.364	9
25.40	32.610	.0525	32.695	32.516	9
25.60	32.768	.0645	32.839	32.665	9
25.80	32.989	.0635	33.064	32.880	9
26.00	33.236	.0585	33.315	33.131	9
26.20	33.488	.0526	33.553	33.398	9
26.40	33.722	.0328	33.776	33.667	9
26.60	33.903	.0189	33.923	33.862	9
26.80	33.991	.0302	34.040	33.933	9
27.00	34.089	.0134	34.103	34.070	8
27.10	34.164	.0261	34.214	34.130	8
27.20	34.246	.0102	34.266	34.229	8
27.30	34.329	.0087	34.341	34.317	8
27.40	34.405	.0124	34.430	34.388	8
27.50	34.471	.0099	34.495	34.459	8
27.60	34.540	.0024	34.544	34.535	4

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	22	3.1	25	19	3
24.20	26	1.7	28	24	4
24.40	31	2.8	35	28	6
24.60	36	3.3	40	29	8
24.80	38	3.6	42	32	9
25.00	42	3.2	45	37	9
25.20	47	5.6	57	41	9
25.40	57	9.3	73	46	9
25.60	73	12.8	94	52	9
25.80	87	12.3	103	64	9
26.00	100	13.7	115	77	9
26.20	115	12.6	134	93	9
26.40	136	11.6	158	117	9
26.60	181	12.9	204	158	9
26.80	296	26.9	329	233	9
27.00	465	33.2	502	396	8
27.10	566	34.5	609	503	8
27.20	690	40.3	753	637	8
27.30	827	41.0	885	761	8
27.40	1006	43.9	1067	936	8
27.50	1256	55.3	1325	1169	8
27.60	1614	26.7	1649	1588	4

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	392.4	.00	392.5	392.4	3
24.20	373.4	.09	373.5	373.4	4
24.40	354.4	.13	354.6	354.3	6
24.60	335.4	.21	335.6	335.0	8
24.80	316.2	.17	316.5	315.9	9
25.00	297.3	.19	297.5	297.0	9
25.20	278.3	.16	278.5	278.0	9
25.40	259.4	.19	259.7	259.1	9
25.60	240.6	.20	241.0	240.4	9
25.80	221.8	.20	222.1	221.5	9
26.00	203.0	.19	203.3	202.7	9
26.20	184.3	.21	184.6	184.0	9
26.40	165.7	.19	166.0	165.4	9
26.60	147.2	.21	147.6	146.9	9
26.80	129.3	.29	129.8	128.7	9
27.00	111.5	.35	112.0	110.8	8
27.10	102.6	.24	103.2	102.4	8
27.20	93.9	.31	94.5	93.5	8
27.30	85.1	.33	85.6	84.6	8
27.40	76.2	.34	76.7	75.6	8
27.50	67.2	.29	67.4	66.6	8
27.60	58.1	.26	58.3	57.7	4

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	13.95	.471	14.40	13.46	3
24.20	13.16	.400	13.55	12.62	4
24.40	12.42	.315	12.64	11.81	6
24.60	11.59	.471	12.52	11.03	8
24.80	10.56	.538	11.63	9.86	9
25.00	9.68	.485	10.48	8.71	9
25.20	8.91	.339	9.40	8.16	9
25.40	8.11	.242	8.37	7.63	9
25.60	7.58	.347	7.96	7.03	9
25.80	7.38	.344	7.83	6.79	9
26.00	7.35	.321	7.76	6.75	9
26.20	7.33	.290	7.72	6.84	9
26.40	7.33	.183	7.54	6.92	9
26.60	6.81	.107	6.93	6.58	9
26.80	5.79	.199	6.11	5.40	9
27.00	4.74	.093	4.84	4.60	8
27.10	4.36	.194	4.73	4.11	8
27.20	4.03	.083	4.18	3.90	8
27.30	3.69	.063	3.79	3.60	8
27.40	3.27	.112	3.49	3.13	8
27.50	2.74	.100	2.96	2.64	8
27.60	2.17	.041	2.20	2.12	4

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	391.6	.33	391.8	391.2	3
24.20	372.2	.50	372.7	371.5	4
24.40	352.5	2.05	353.1	347.7	6
24.60	331.6	3.33	334.7	325.3	8
24.80	312.4	2.84	315.3	308.9	9
25.00	293.7	2.68	296.6	288.9	9
25.20	275.7	1.87	277.5	272.0	9
25.40	258.0	1.09	258.5	255.2	9
25.60	239.1	.42	239.5	238.4	9
25.80	220.0	.61	220.4	218.5	9
26.00	201.0	.31	201.4	200.7	9
26.20	182.2	.27	182.4	181.7	9
26.40	163.3	.11	163.4	163.1	9
26.60	144.4	.01	144.4	144.3	9
26.80	125.2	.12	125.4	125.0	9
27.00	106.1	.12	106.3	106.0	8
27.10	96.6	.08	96.7	96.5	8
27.20	87.1	.05	87.2	87.1	8
27.30	77.6	.05	77.7	77.6	8
27.40	68.0	.09	68.1	67.9	8
27.50	58.4	.13	58.6	58.3	8
27.60	48.7	.05	48.7	48.6	4

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	.880	.1114	1.000	.780	3
24.20	1.032	.0665	1.130	.980	4
24.40	1.197	.0887	1.280	1.070	6
24.60	1.317	.0899	1.420	1.130	8
24.80	1.388	.1524	1.560	1.050	9
25.00	1.490	.1407	1.690	1.200	9
25.20	1.648	.2073	2.040	1.330	9
25.40	1.906	.3131	2.400	1.460	9
25.60	2.313	.4013	2.900	1.600	9
25.80	2.647	.3863	3.110	1.890	9
26.00	2.916	.3880	3.340	2.160	9
26.20	3.211	.3845	3.680	2.470	9
26.40	3.581	.3622	4.110	2.890	9
26.60	4.074	.3648	4.820	3.740	9
26.80	5.871	.4953	6.320	4.900	9
27.00	7.939	.5275	8.350	6.890	8
27.10	9.032	.5333	9.510	8.040	8
27.20	10.251	.5728	10.940	9.360	8
27.30	11.491	.5767	12.150	10.470	8
27.40	12.951	.5851	13.640	11.890	8
27.50	14.755	.6600	15.510	13.680	8
27.60	17.060	.4753	17.460	16.380	4

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.10	.026	.13	.08	3
.13	.017	.16	.12	4
.19	.032	.23	.15	6
.24	.036	.28	.17	8
.27	.050	.31	.17	9
.31	.049	.37	.22	9
.38	.089	.55	.26	9
.53	.173	.83	.33	9
.81	.272	1.29	.41	9
1.08	.291	1.50	.58	9
1.34	.330	1.74	.77	9
1.66	.370	2.19	1.04	9
2.14	.390	2.83	1.49	9
2.26	.485	4.16	2.65	9
7.18	1.128	8.48	4.71	8
15.19	1.983	17.45	11.08	8
20.97	2.449	24.02	16.39	8
28.86	3.329	34.07	24.11	8
38.52	3.905	44.21	32.11	8
52.28	4.755	59.12	44.48	8
73.29	6.529	82.16	63.97	8
106.86	4.069	112.36	103.71	4

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	12.123	.0742	12.200	12.052	3
24.20	11.976	.0378	12.022	11.931	4
24.40	11.800	.1161	11.958	11.601	6
24.60	11.583	.2669	11.898	11.044	7
24.80	11.442	.2561	11.779	10.925	8
25.00	11.336	.2449	11.648	10.857	8
25.20	11.169	.2417	11.526	10.793	8
25.40	10.896	.2796	11.320	10.512	8
25.60	10.479	.3311	10.878	9.980	8
25.80	10.153	.3495	10.579	9.602	8
26.00	9.881	.3409	10.300	9.346	8
26.20	9.587	.3390	10.045	9.064	8
26.40	9.226	.3090	9.690	8.763	8
26.60	8.529	.2254	8.883	8.237	8
26.80	6.931	.2340	7.399	6.659	8
27.00	4.885	.2362	5.415	4.645	8
27.10	3.793	.2432	4.265	3.483	8
27.20	2.572	.3055	2.945	2.088	8
27.30	1.333	.3143	1.832	.884	8
27.40	-0.126	.3411	.413	-0.602	8
27.50	-1.930	.4208	-1.289	-2.477	8
27.60	-4.194	.2165	-3.994	-4.483	4

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.979	.1118	13.100	12.880	3
12.949	.0936	13.049	12.836	4
12.908	.0854	13.004	12.787	6
12.763	.2298	12.937	12.272	7
12.641	.2594	12.863	12.198	8
12.565	.2581	12.782	12.119	8
12.483	.2554	12.696	12.036	8
12.387	.2499	12.606	11.949	8
12.263	.2403	12.495	11.833	8
12.109	.2345	12.356	11.676	8
11.932	.2319	12.193	11.488	8
11.730	.2309	12.008	11.279	8
11.496	.2313	11.792	11.039	8
11.210	.2286	11.520	10.765	8
10.791	.2029	11.084	10.421	8
10.110	.1632	10.348	9.835	8
9.653	.1275	9.857	9.466	8
9.103	.1010	9.264	8.963	8
8.434	.0670	8.535	8.343	8
7.618	.0294	7.662	7.563	8
6.585	.0411	6.669	6.539	8
5.282	.0449	5.329	5.223	4

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1501	1.5	1502	1499	3
1498	1.7	1500	1496	4
1496	1.2	1497	1494	6
1493	1.9	1497	1491	8
1490	2.1	1494	1487	9
1487	1.9	1490	1483	9
1484	1.3	1486	1481	9
1481	1.1	1482	1479	9
1480	1.6	1481	1477	9
1479	1.4	1481	1477	9
1480	1.5	1482	1477	9
1480	1.4	1482	1478	9
1480	.9	1482	1479	9
1480	.6	1481	1479	9
1478	.7	1478	1476	9
1477	.9	1478	1475	8
1477	.7	1478	1476	8
1478	.7	1479	1477	8
1479	.8	1480	1478	8
1480	.6	1481	1479	8
1482	.6	1483	1481	8
1486	.5	1486	1485	4

STATION MP08 N O V E M B E R 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	11.11	n/a	n/a	n/a	1
24.80	10.74	.188	10.93	10.49	4
25.00	9.86	.211	10.29	9.68	7
25.20	9.03	.291	9.68	8.76	8
25.40	8.33	.362	9.10	7.98	8
25.60	7.86	.423	8.59	7.29	8
25.80	7.63	.388	8.12	6.96	8
26.00	7.48	.348	7.88	6.78	8
26.20	7.38	.255	7.72	6.85	8
26.40	7.18	.185	7.44	6.84	8
26.60	6.70	.131	6.95	6.51	8
26.80	5.59	.171	5.86	5.29	8
27.00	4.70	.148	4.92	4.48	8
27.10	4.37	.136	4.55	4.18	8
27.20	4.06	.115	4.21	3.85	8
27.30	3.70	.076	3.83	3.62	8
27.40	3.31	.091	3.44	3.18	8
27.50	2.84	.077	2.93	2.73	7
27.60	2.30	.069	2.40	2.24	4

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	32.197	n/a	n/a	n/a	1
24.80	32.374	.0440	32.420	32.316	4
25.00	32.450	.0445	32.538	32.402	7
25.20	32.542	.0561	32.665	32.489	8
25.40	32.662	.0815	32.837	32.587	8
25.60	32.825	.0912	32.992	32.709	8
25.80	33.034	.0730	33.134	32.909	8
26.00	33.256	.0623	33.329	33.131	8
26.20	33.494	.0467	33.560	33.398	8
26.40	33.711	.0326	33.760	33.651	8
26.60	33.881	.0224	33.925	33.849	8
26.80	33.956	.0256	33.996	33.909	8
27.00	34.078	.0209	34.108	34.048	8
27.10	34.158	.0183	34.183	34.132	8
27.20	34.243	.0148	34.263	34.216	8
27.30	34.323	.0104	34.338	34.312	8
27.40	34.401	.0094	34.417	34.388	8
27.50	34.474	.0088	34.484	34.465	7
27.60	34.542	.0062	34.550	34.537	4

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	28	n/a	n/a	n/a	1
24.80	51	11.5	64	37	4
25.00	52	11.6	67	30	7
25.20	56	8.9	69	43	8
25.40	65	10.0	82	54	8
25.60	78	13.6	93	60	8
25.80	91	17.6	109	67	8
26.00	102	20.5	125	73	8
26.20	116	19.9	137	86	8
26.40	138	19.9	160	107	8
26.60	184	18.6	208	159	8
26.80	300	17.0	322	278	8
27.00	465	11.9	485	448	8
27.10	563	16.8	580	533	8
27.20	681	23.5	716	652	8
27.30	835	34.1	869	805	8
27.40	1011	39.6	1061	950	8
27.50	1257	52.0	1323	1183	7
27.60	1606	101.7	1695	1468	4

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	335.3	n/a	n/a	n/a	1
24.80	316.7	.22	317.0	316.5	4
25.00	297.5	.19	297.8	297.2	7
25.20	278.5	.15	278.8	278.3	8
25.40	259.6	.18	259.9	259.4	8
25.60	240.7	.24	241.1	240.4	8
25.80	221.9	.27	222.2	221.5	8
26.00	203.1	.28	203.4	202.7	8
26.20	184.3	.29	184.6	183.9	8
26.40	165.7	.28	166.0	165.3	8
26.60	147.2	.24	147.6	146.9	8
26.80	129.2	.17	129.4	128.9	8
27.00	111.4	.17	111.6	111.1	8
27.10	102.6	.27	103.0	102.1	8
27.20	93.8	.17	94.0	93.5	8
27.30	85.1	.10	85.2	84.9	8
27.40	76.2	.18	76.4	75.9	8
27.50	67.2	.24	67.4	66.9	7
27.60	58.0	.33	58.3	57.6	4

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	11.10	n/a	n/a	n/a	1
24.80	10.73	.187	10.92	10.48	4
25.00	9.86	.210	10.28	9.68	7
25.20	9.02	.289	9.67	8.76	8
25.40	8.32	.365	9.10	7.97	8
25.60	7.85	.422	8.58	7.28	8
25.80	7.62	.388	8.11	6.95	8
26.00	7.47	.348	7.87	6.77	8
26.20	7.37	.255	7.71	6.84	8
26.40	7.17	.184	7.43	6.83	8
26.60	6.68	.131	6.94	6.50	8
26.80	5.56	.170	5.83	5.26	8
27.00	4.66	.147	4.88	4.45	8
27.10	4.33	.136	4.51	4.14	8
27.20	4.01	.115	4.16	3.80	8
27.30	3.64	.079	3.77	3.55	8
27.40	3.24	.090	3.37	3.11	8
27.50	2.76	.078	2.84	2.64	7
27.60	2.19	.077	2.30	2.12	4

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	334.7	n/a	n/a	n/a	1
24.80	315.4	.18	315.6	315.2	4
25.00	295.7	.98	296.5	293.9	7
25.20	276.1	1.43	277.4	273.6	8
25.40	257.2	1.13	258.4	255.4	8
25.60	238.5	1.28	239.4	236.2	8
25.80	219.7	.44	220.2	219.0	8
26.00	201.2	.16	201.4	200.9	8
26.20	182.1	.23	182.4	181.8	8
26.40	163.3	.11	163.4	163.1	8
26.60	144.4	.04	144.4	144.3	8
26.80	125.2	.11	125.3	125.0	8
27.00	106.2	.08	106.3	106.0	8
27.10	96.7	.04	96.7	96.6	8
27.20	87.2	.05	87.2	87.1	8
27.30	77.6	.05	77.7	77.6	8
27.40	68.0	.08	68.1	67.9	8
27.50	58.4	.15	58.6	58.2	7
27.60	48.7	.19	49.0	48.6	4

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	.960	n/a	n/a	n/a	1
24.80	1.695	.3818	2.100	1.200	4
25.00	1.649	.4105	2.190	.900	7
25.20	1.769	.3501	2.260	1.270	8
25.40	2.002	.3737	2.610	1.520	8
25.60	2.320	.4440	2.880	1.690	8
25.80	2.617	.5243	3.120	1.840	8
26.00	2.873	.5823	3.470	2.020	8
26.20	3.130	.5764	3.730	2.300	8
26.40	3.510	.5723	4.090	2.680	8
26.60	4.240	.5556	4.810	3.420	8
26.80	5.836	.5113	6.470	5.060	8
27.00	7.840	.4090	8.320	7.110	8
27.10	8.899	.4393	9.440	8.020	8
27.20	10.060	.5099	10.760	9.200	8
27.30	11.446	.5010	12.120	10.690	8
27.40	12.881	.5569	13.620	12.120	8
27.50	14.596	.5732	15.510	13.950	7
27.60	16.948	.8434	17.870	16.100	4

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.14	n/a	n/a	n/a	1
.46	.191	.68	.23	4
.45	.192	.75	.14	7
.52	.175	.79	.28	8
.67	.218	1.06	.42	8
.91	.312	1.31	.52	8
1.18	.425	1.60	.61	8
1.44	.526	2.00	.74	8
1.73	.565	2.32	.96	8
2.22	.643	2.93	1.32	8
3.42	.766	4.35	2.41	8
7.36	.969	8.56	6.06	8
15.18	.904	16.57	13.67	8
20.77	1.287	22.30	18.26	8
28.23	2.007	31.27	25.43	8
39.02	2.355	42.56	36.64	8
52.66	3.849	58.02	47.31	8
73.29	5.691	81.12	65.69	7
106.14	12.355	117.80	90.14	4

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	11.853	n/a	n/a	n/a	1
24.80	11.131	.0541	11.185	11.082	4
25.00	11.159	.2859	11.575	10.856	7
25.20	10.949	.1901	11.264	10.756	8
25.40	10.715	.1668	11.020	10.574	8
25.60	10.399	.1604	10.580	10.107	8
25.80	10.102	.1961	10.341	9.816	8
26.00	9.847	.2495	10.218	9.468	8
26.20	9.589	.2411	9.965	9.208	8
26.40	9.208	.2383	9.596	8.846	8
26.60	8.479	.2258	8.767	8.130	8
26.80	6.883	.1845	7.136	6.643	8
27.00	4.880	.0721	4.991	4.793	8
27.10	3.823	.1325	4.079	3.642	8
27.20	2.659	.1800	2.901	2.395	8
27.30	1.272	.1830	1.486	1.008	8
27.40	-0.162	.3061	.306	-0.551	8
27.50	-1.941	.4033	-1.371	-2.444	7
27.60	-4.151	.7394	-3.166	-4.803	4

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.809	n/a	n/a	n/a	1
12.762	.3162	13.110	12.353	4
12.699	.3707	13.023	12.265	7
12.530	.3009	12.919	12.078	8
12.415	.3878	12.798	11.982	8
12.281	.2700	12.655	11.872	8
12.121	.2438	12.474	11.752	8
11.939	.2103	12.249	11.618	8
11.734	.1764	12.001	11.462	8
11.500	.1462	11.727	11.276	8
11.209	.1196	11.395	11.032	8
10.783	.0951	10.922	10.656	8
10.107	.0784	10.213	9.986	8
9.650	.0690	9.740	9.531	8
9.102	.0526	9.181	9.014	8
8.438	.0324	8.480	8.393	8
7.615	.0155	7.638	7.589	8
6.600	.0337	6.641	6.549	7
5.279	.0897	5.385	5.199	4

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	6.44	n/a	n/a	n/a	1
24.80	6.25	n/a	n/a	n/a	1
25.00	6.36	.212	6.51	6.21	2
25.20	6.40	.325	6.63	6.17	2
25.40	6.44	.424	6.74	6.14	2
25.60	6.02	.057	6.06	5.98	2
25.80	5.33	.191	5.47	5.20	2
26.00	4.74	.233	4.91	4.58	2
26.20	4.18	.177	4.30	4.05	2
26.40	4.00	.156	4.11	3.89	2
26.60	3.65	.198	3.79	3.51	2
26.80	2.36	.064	2.40	2.31	2
27.00	.92	.014	.93	.91	2
27.10	.55	.028	.57	.53	2
27.20	.36	.035	.39	.34	2
27.30	.41	.148	.51	.30	2
27.40	.54	.297	.75	.33	2
27.50	.75	.339	.99	.51	2
27.60	1.14	.127	1.23	1.05	2

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1491	n/a	n/a	n/a	1
1491	.5	1491	1490	4
1487	.8	1489	1487	7
1485	1.1	1487	1484	8
1482	1.4	1485	1481	8
1481	1.8	1484	1479	8
1480	1.6	1483	1478	8
1480	1.2	1482	1478	8
1481	.5	1482	1479	8
1480	.7	1481	1479	8
1480	.5	1480	1479	8
1477	.8	1478	1476	8
1476	.7	1477	1475	8
1477	.9	1478	1475	8
1477	.5	1478	1477	8
1479	.5	1479	1478	8
1480	.5	1480	1479	8
1482	.8	1483	1481	7
1486	1.5	1487	1484	4

STATION MP08 D E C E M B E R 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	10.72	.649	11.26	9.78	4
25.00	9.89	.436	10.58	9.22	12
25.20	9.01	.395	9.76	8.45	15
25.40	8.23	.363	8.97	7.70	17
25.60	7.64	.389	8.15	7.02	17
25.80	7.32	.418	7.80	6.26	17
26.00	7.21	.293	7.60	6.47	17
26.20	7.13	.201	7.49	6.76	17
26.40	7.01	.173	7.34	6.70	17
26.60	6.66	.158	6.94	6.37	17
26.80	5.56	.199	6.03	5.20	17
27.00	4.70	.138	4.93	4.45	17
27.10	4.38	.114	4.56	4.16	17
27.20	4.04	.100	4.29	3.89	17
27.30	3.70	.061	3.80	3.62	17
27.40	3.30	.070	3.39	3.18	16
27.50	2.82	.094	3.02	2.70	15
27.60	2.25	.084	2.35	2.17	5

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	32.379	.1301	32.495	32.193	4
25.00	32.455	.0869	32.595	32.313	12
25.20	32.532	.0757	32.684	32.413	15
25.40	32.632	.0709	32.768	32.527	17
25.60	32.781	.0742	32.867	32.663	17
25.80	32.973	.0733	33.056	32.791	17
26.00	33.211	.0527	33.275	33.083	17
26.20	33.447	.0349	33.511	33.384	17
26.40	33.681	.0304	33.739	33.627	17
26.60	33.873	.0268	33.922	33.826	17
26.80	33.951	.0304	34.024	33.896	17
27.00	34.078	.0203	34.113	34.042	17
27.10	34.160	.0157	34.186	34.129	17
27.20	34.241	.0136	34.273	34.220	17
27.30	34.323	.0086	34.335	34.312	17
27.40	34.399	.0082	34.410	34.386	16
27.50	34.470	.0104	34.492	34.456	15
27.60	34.537	.0094	34.548	34.529	5

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	38	21.4	53	6	4
25.00	54	5.0	61	42	12
25.20	61	6.8	72	45	15
25.40	68	7.9	83	48	17
25.60	79	11.4	96	53	17
25.80	92	12.9	112	68	17
26.00	105	12.7	128	79	17
26.20	120	12.0	146	95	17
26.40	142	10.6	165	122	17
26.60	188	13.3	214	170	17
26.80	302	19.1	329	264	17
27.00	468	24.0	507	422	17
27.10	569	23.3	609	528	17
27.20	692	24.5	731	646	17
27.30	843	25.7	872	791	17
27.40	1027	27.5	1066	986	16
27.50	1269	44.9	1338	1188	15
27.60	1656	50.2	1704	1602	5

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	316.4	.44	316.8	315.8	4
25.00	297.6	.14	297.8	297.3	12
25.20	278.6	.13	278.8	278.3	15
25.40	259.6	.15	259.9	259.3	17
25.60	240.7	.18	241.0	240.3	17
25.80	221.9	.18	222.1	221.5	17
26.00	203.1	.18	203.3	202.7	17
26.20	184.3	.17	184.6	184.0	17
26.40	165.7	.17	166.0	165.3	17
26.60	147.3	.21	147.7	147.0	17
26.80	129.2	.25	129.6	128.7	17
27.00	111.5	.26	111.9	111.1	17
27.10	102.6	.25	103.1	102.2	17
27.20	93.8	.19	94.2	93.5	17
27.30	85.1	.19	85.4	84.8	17
27.40	76.3	.17	76.5	75.9	16
27.50	67.2	.13	67.4	67.0	15
27.60	58.2	.12	58.4	58.1	5

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	10.72	.648	11.26	9.78	4
25.00	9.89	.436	10.58	9.22	12
25.20	9.00	.392	9.75	8.45	15
25.40	8.22	.362	8.96	7.69	17
25.60	7.64	.388	8.14	7.01	17
25.80	7.31	.417	7.80	6.26	17
26.00	7.20	.293	7.59	6.46	17
26.20	7.12	.199	7.48	6.75	17
26.40	7.00	.174	7.33	6.69	17
26.60	6.64	.157	6.92	6.36	17
26.80	5.53	.198	6.00	5.17	17
27.00	4.67	.139	4.89	4.41	17
27.10	4.34	.113	4.52	4.12	17
27.20	3.99	.100	4.24	3.84	17
27.30	3.64	.061	3.74	3.55	17
27.40	3.22	.070	3.32	3.11	16
27.50	2.73	.096	2.93	2.60	15
27.60	2.14	.086	2.24	2.05	5

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	315.0	.92	315.5	313.6	4
25.00	295.9	.69	296.3	294.4	12
25.20	276.6	1.05	277.5	274.4	15
25.40	257.9	.88	258.5	255.0	17
25.60	238.9	.81	239.5	236.5	17
25.80	220.2	.33	220.5	219.4	17
26.00	201.1	.40	201.4	200.2	17
26.20	182.3	.13	182.5	182.1	17
26.40	163.3	.14	163.4	162.9	17
26.60	144.4	.04	144.4	144.3	17
26.80	125.3	.09	125.4	125.1	17
27.00	106.2	.10	106.3	106.0	17
27.10	96.7	.07	96.8	96.5	17
27.20	87.2	.04	87.2	87.1	17
27.30	77.6	.04	77.7	77.6	17
27.40	68.1	.07	68.1	67.9	16
27.50	58.4	.10	58.6	58.3	15
27.60	48.6	.06	48.7	48.6	5

STATION MP08 D E C E M B E R 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	1.233	.6970	1.730	.200	4
25.00	1.701	.1534	1.910	1.330	12
25.20	1.868	.1926	2.160	1.410	15
25.40	2.041	.2390	2.500	1.490	17
25.60	2.306	.3374	2.810	1.600	17
25.80	2.612	.3530	3.200	1.970	17
26.00	2.889	.3663	3.560	2.200	17
26.20	3.180	.3515	3.910	2.500	17
26.40	3.573	.3235	4.250	2.990	17
26.60	4.285	.3402	5.020	3.800	17
26.80	5.871	.4037	6.610	5.190	17
27.00	7.871	.4765	8.770	7.100	17
27.10	8.962	.4613	9.870	8.130	17
27.20	10.181	.4634	11.100	9.360	17
27.30	11.548	.4477	12.290	10.740	17
27.40	13.033	.4289	13.580	12.350	16
27.50	14.775	.4694	15.500	13.940	15
27.60	17.266	.5172	17.820	16.680	5

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.30	.198	.47	.01	4
.48	.081	.60	.29	12
.59	.120	.79	.32	15
.71	.156	1.05	.36	17
.92	.244	1.29	.42	17
1.18	.296	1.69	.64	17
1.47	.345	2.12	.82	17
1.80	.366	2.62	1.09	17
2.32	.374	3.15	1.63	17
3.53	.511	4.64	2.86	17
7.52	.931	9.04	5.76	17
15.40	1.623	18.27	12.38	17
21.21	1.835	24.59	18.05	17
29.09	2.196	33.00	25.37	17
39.87	2.555	42.75	34.96	17
54.20	2.955	58.27	49.48	16
74.91	4.757	81.85	65.74	15
111.80	6.517	118.35	104.58	5

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.825	.5341	12.598	11.378	4
25.00	11.154	.2681	11.538	10.601	12
25.20	10.937	.2487	11.448	10.510	15
25.40	10.718	.2315	11.121	10.408	17
25.60	10.452	.2039	10.834	10.128	17
25.80	10.148	.1920	10.493	9.837	17
26.00	9.871	.1756	10.243	9.547	17
26.20	9.579	.1667	9.937	9.269	17
26.40	9.188	.1383	9.452	8.941	17
26.60	8.474	.1282	8.695	8.237	17
26.80	6.889	.1745	7.211	6.665	17
27.00	4.889	.1939	5.275	4.571	17
27.10	3.797	.1859	4.118	3.468	17
27.20	2.580	.1935	2.921	2.244	17
27.30	1.213	.2033	1.622	.984	17
27.40	-0.283	.2150	.032	-0.593	16
27.50	-2.039	.3405	-1.422	-2.558	15
27.60	-4.485	.3575	-4.079	-4.833	5

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
13.029	.2316	13.291	12.800	4
12.781	.2721	13.188	12.310	12
12.640	.2478	13.078	12.198	15
12.495	.2430	12.958	12.079	17
12.356	.2325	12.807	11.956	17
12.195	.2159	12.615	11.817	17
12.009	.1984	12.389	11.656	17
11.799	.1818	12.132	11.469	17
11.555	.1680	11.843	11.244	17
11.259	.1548	11.504	10.967	17
10.826	.1320	11.014	10.583	17
10.143	.0946	10.277	9.961	17
9.685	.0749	9.789	9.528	17
9.129	.0546	9.193	9.013	17
8.454	.0342	8.493	8.390	17
7.622	.0157	7.650	7.593	16
6.578	.0382	6.632	6.527	15
5.256	.0765	5.350	5.182	5

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.40	n/a	n/a	n/a	n/a	0
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1490	3.0	1493	1486	4
1488	1.8	1490	1485	12
1484	1.5	1487	1482	15
1482	1.6	1485	1479	17
1480	1.7	1482	1477	17
1479	1.7	1481	1475	17
1479	1.3	1481	1476	17
1479	.9	1481	1478	17
1480	.8	1481	1478	17
1479	.7	1480	1478	17
1477	1.0	1479	1475	17
1476	.7	1477	1475	17
1477	.7	1478	1475	17
1477	.5	1478	1477	17
1479	.5	1479	1478	17
1480	.4	1481	1479	16
1482	.5	1483	1481	15
1486	.5	1487	1486	5

Table 24. As in Table 12, for Station 6 (P12).

Table 24: STATION MP12 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.14	3.144	18.40	5.56	214
10	11.02	3.080	17.83	5.54	214
20	10.80	2.951	17.51	5.54	214
30	10.28	2.536	16.26	5.54	214
50	8.78	1.431	14.20	5.55	214
75	7.74	.821	10.90	5.66	214
100	7.21	.543	8.74	5.86	214
125	6.91	.401	8.24	5.92	213
150	6.75	.359	8.14	6.03	213
175	6.57	.348	7.86	5.72	212
200	6.33	.349	7.69	5.51	212
225	6.06	.358	7.45	5.30	212
250	5.79	.353	7.22	4.98	212
300	5.31	.341	7.01	4.58	212
400	4.68	.289	6.90	4.06	206
500	4.38	.197	5.33	3.97	205
600	4.05	.174	4.70	3.74	203
700	3.83	.140	4.42	3.58	202
800	3.62	.122	4.10	3.38	202
900	3.43	.104	3.82	3.22	202
1000	3.24	.090	3.54	3.05	202
1200	2.86	.071	3.08	2.69	190
1500	2.40	.055	2.78	2.19	132
2000	1.96	.089	2.28	1.89	29
2500	1.80	.124	1.98	1.72	4

SALINITY

MEAN	S.D.	MAX	MIN	N
32.418	.1663	32.770	31.748	214
32.421	.1588	32.760	31.756	214
32.437	.1399	32.770	31.945	214
32.457	.1281	32.770	31.997	214
32.525	.1069	33.141	32.206	214
32.647	.1528	33.779	32.407	214
32.934	.2515	33.839	32.510	214
33.337	.2349	33.877	32.694	213
33.639	.1448	33.936	33.128	213
33.793	.0743	34.040	33.530	212
33.860	.0481	34.070	33.693	212
33.883	.0438	34.080	33.766	212
33.897	.0439	34.089	33.798	212
33.912	.0453	34.100	33.820	212
33.991	.0406	34.154	33.883	206
34.076	.0405	34.300	33.977	205
34.156	.0365	34.325	34.023	203
34.226	.0303	34.337	34.139	202
34.286	.0273	34.376	34.197	202
34.337	.0253	34.429	34.256	202
34.379	.0248	34.469	34.299	202
34.444	.0239	34.546	34.329	190
34.511	.0197	34.567	34.447	132
34.583	.0199	34.607	34.537	29
34.626	.0229	34.644	34.592	4

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.717	.6472	25.675	23.015	214
10	24.742	.6273	25.652	23.143	214
20	24.798	.5923	25.604	23.236	214
30	24.912	.4949	25.665	23.560	214
50	25.230	.2629	25.751	24.206	214
75	25.486	.1778	26.269	24.957	214
100	25.787	.2157	26.353	25.313	214
125	26.144	.1839	26.527	25.551	213
150	26.403	.1166	26.654	26.007	213
175	26.548	.0700	26.724	26.360	212
200	26.632	.0509	26.768	26.480	212
225	26.685	.0459	26.818	26.522	212
250	26.730	.0419	26.858	26.584	212
300	26.807	.0381	26.913	26.636	212
400	26.934	.0350	27.061	26.775	206
500	27.041	.0331	27.225	26.893	205
600	27.132	.0298	27.368	27.011	203
700	27.211	.0248	27.303	27.136	202
800	27.279	.0232	27.351	27.208	202
900	27.339	.0217	27.406	27.221	202
1000	27.390	.0213	27.455	27.354	202
1200	27.476	.0204	27.551	27.371	190
1500	27.569	.0177	27.618	27.505	132
2000	27.662	.0213	27.683	27.601	29
2500	27.710	.0278	27.730	27.669	4

SVA

MEAN	S.D.	MAX	MIN	N
323.6	61.65	486.0	232.5	214
321.5	59.80	473.1	234.8	214
316.5	56.50	465.4	234.7	214
305.6	47.26	434.8	233.8	214
275.6	25.13	373.6	226.0	214
251.5	16.98	302.3	177.4	214
233.3	20.51	268.5	169.5	214
180.9	17.45	246.1	138.3	213
165.4	11.97	202.9	141.4	213
152.0	6.70	169.9	135.0	212
144.3	4.91	159.2	131.5	212
139.4	4.47	155.6	126.9	212
135.3	4.09	149.9	123.4	212
128.3	3.75	145.6	118.6	212
117.0	3.45	133.3	105.0	206
107.5	3.24	122.5	90.1	205
99.4	2.88	111.6	86.6	203
92.5	2.41	99.9	83.8	202
86.5	2.26	93.2	79.9	202
81.3	2.13	92.4	75.1	202
76.8	2.08	89.7	71.0	202
69.0	1.95	79.1	62.3	190
60.5	1.74	67.6	55.9	132
52.3	2.31	59.5	50.1	29
48.8	3.26	53.6	46.5	4

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.14	3.144	18.40	5.56	214
10	11.02	3.080	17.82	5.54	214
20	10.80	2.951	17.51	5.54	214
30	10.28	2.536	16.26	5.54	214
50	8.77	1.428	14.19	5.55	214
75	7.73	.821	10.89	5.65	214
100	7.20	.543	8.73	5.86	214
125	6.90	.400	8.23	5.91	213
150	6.74	.358	8.12	6.02	213
175	6.55	.348	7.85	5.71	212
200	6.31	.348	7.67	5.50	212
225	6.04	.357	7.43	5.28	212
250	5.77	.353	7.20	4.96	212
300	5.29	.340	6.98	4.47	212
400	4.65	.288	6.16	4.03	206
500	4.28	.226	5.29	3.83	205
600	4.01	.193	4.65	3.70	203
700	3.78	.140	4.36	3.53	202
800	3.56	.121	4.04	3.32	202
900	3.36	.104	3.76	3.18	202
1000	3.17	.089	3.47	2.95	202
1200	2.78	.071	2.99	2.61	190
1500	2.30	.055	2.61	2.19	132
2000	1.82	.087	2.13	1.75	29
2500	1.61	.124	1.80	1.54	4

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
323.6	61.65	486.0	232.5	214
321.2	59.75	472.7	234.6	214
316.1	56.39	464.7	234.4	214
305.0	47.12	433.9	233.4	214
274.7	25.00	372.2	225.1	214
250.3	16.90	300.6	175.9	214
232.7	20.50	266.7	167.9	214
187.8	17.47	244.1	151.4	213
163.1	11.07	200.8	139.4	213
149.3	6.64	167.2	132.7	213
141.3	4.81	155.9	128.5	212
136.3	4.54	151.8	123.6	212
132.3	3.96	145.8	119.8	212
124.7	3.60	140.8	114.7	212
112.6	3.30	127.6	100.6	206
102.5	3.13	116.3	85.0	205
93.8	2.81	105.1	80.8	203
86.2	2.55	93.3	77.4	202
79.2	2.19	88.5	72.9	202
74.0	2.06	85.1	67.6	202
69.1	2.02	82.0	62.9	202
60.8	1.91	70.8	53.7	190
51.9	1.67	58.0	47.3	132
42.9	2.00	48.7	41.0	29
38.1	2.63	42.0	36.2	4

STATION MP12 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	214
10	.324	.0607	.480	.230	214
20	.644	.1195	.950	.470	214
30	.956	.1705	1.400	.700	214
50	1.537	.2290	2.140	1.170	214
75	2.197	.2532	2.910	1.750	214
100	2.789	.2731	3.590	2.190	214
125	3.305	.3018	4.300	2.600	213
150	3.746	.3343	4.790	2.990	213
175	4.145	.3343	5.170	3.360	213
200	4.514	.3419	5.540	3.730	213
225	4.868	.3471	5.890	4.090	213
250	5.211	.3532	6.240	4.430	213
300	5.870	.3626	6.890	5.100	213
400	7.099	.3738	8.120	6.290	208
500	8.335	.3902	9.350	7.440	205
600	9.585	.4018	10.630	8.590	203
700	10.817	.4151	11.930	9.790	202
800	11.112	.4258	12.260	10.010	202
900	11.951	.4366	13.120	10.780	202
1000	12.740	.4469	13.920	11.510	202
1200	14.185	.4758	15.440	12.860	198
1500	16.119	.5358	17.420	14.670	139
2000	19.107	.6318	20.350	17.960	29
2500	21.330	.9487	22.670	20.450	4

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	214
.02	.005	.02	.01	214
.07	.013	.10	.05	214
.15	.025	.21	.11	214
.38	.050	.52	.30	214
.80	.089	1.03	.66	214
1.33	.096	1.65	1.04	214
1.92	.141	2.34	1.52	213
2.54	.182	3.11	2.07	213
3.19	.209	3.81	2.69	213
3.90	.228	4.56	3.38	213
4.67	.245	5.37	4.08	213
5.50	.267	6.33	4.86	213
7.34	.302	8.11	6.61	208
11.71	.387	12.59	10.70	206
16.85	.505	18.16	15.51	205
22.65	.631	24.21	20.87	203
29.00	.770	31.70	26.77	202
35.84	.909	39.03	33.04	202
43.10	1.063	46.73	39.74	202
50.75	1.220	54.89	46.79	202
66.99	1.620	72.89	61.93	198
93.71	2.238	102.56	89.08	139
144.59	4.130	155.31	130.20	29
202.40	9.013	215.60	195.54	4

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.37	.561	7.39	4.80	213
10	6.39	.532	7.33	4.93	213
20	6.45	.539	7.38	4.43	213
30	6.59	.551	7.62	4.31	213
50	6.64	.593	7.91	4.56	213
75	6.44	.462	6.98	5.06	213
100	5.72	.548	6.45	4.33	213
125	4.81	.512	5.80	3.91	213
150	4.17	.438	4.91	3.40	213
175	3.83	.440	4.61	2.73	213
200	3.56	.441	4.31	2.30	213
225	3.28	.373	3.89	2.40	213
250	2.99	.348	3.59	2.37	213
300	2.36	.342	2.95	1.83	213
400	1.48	.241	1.96	1.13	55
500	.99	.175	1.34	.70	55
600	.72	.128	1.05	.49	50
700	.54	.097	.74	.39	20
800	.42	.090	.63	.23	20
900	.39	.083	.55	.21	20
1000	.39	.086	.56	.22	20
1200	.48	.082	.62	.33	19
1500	.79	.064	.94	.57	17
2000	1.37	.216	1.60	.97	8
2500	1.97	.028	1.99	1.95	2

SOUND

MEAN	S.D.	MAX	MIN	N
1491	11.8	1514	1470	214
1490	10.8	1513	1470	214
1490	10.3	1513	1470	214
1488	9.9	1509	1470	214
1483	5.3	1502	1471	214
1480	3.2	1495	1472	214
1479	2.1	1484	1473	214
1479	1.7	1484	1474	213
1479	1.5	1484	1476	213
1479	1.4	1484	1475	213
1478	1.5	1484	1475	213
1478	1.5	1483	1474	213
1477	1.5	1483	1473	213
1476	1.5	1483	1472	213
1475	1.3	1481	1473	208
1475	1.0	1479	1473	203
1476	.8	1478	1474	203
1477	.6	1479	1475	202
1477	.5	1479	1476	202
1478	.5	1480	1477	202
1479	.4	1480	1478	202
1481	.3	1482	1480	198
1484	.3	1485	1484	139
1490	.6	1492	1490	29
1498	.5	1499	1498	4

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.741	.4472	13.924	11.509	202
10	12.417	.4075	13.460	11.265	202
20	12.096	.3740	13.007	11.022	202
30	11.783	.3468	12.595	10.778	202
50	11.201	.3148	11.988	10.291	202
75	10.539	.2911	11.306	9.666	202
100	9.946	.2661	10.703	9.127	202
125	9.428	.2392	10.285	8.684	202
150	8.986	.2200	9.879	8.296	202
175	8.590	.2081	9.482	7.938	202
200	8.221	.1991	9.095	7.606	202
225	7.886	.1910	8.717	7.292	202
250	7.575	.1831	8.343	6.970	202
300	6.983	.1681	7.604	6.368	202
400	5.839	.1384	6.200	5.220	202
500	4.516	.1115	4.917	4.171	202
600	3.482	.0869	3.761	3.214	202
700	2.524	.0639	2.784	2.323	202
800	1.659	.0433	1.847	1.498	202
900	.950	.0253	1.018	.798	202
1000	.000	.0000	.000	.000	202
1200	-1.453	.0396	-1.356	-1.686	198
1500	-3.395	.0941	-3.109	-3.853	139
2000	-6.256	.2101	-5.986	-6.828	29
2500	-8.807	.4224	-8.501	-9.430	4

Table 25. As in Table 13, for Station 6 (P12).

Table 25: STATION MP12 J A N U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.50	.836	9.89	7.38	16
10	8.49	.825	9.89	7.38	16
20	8.49	.824	9.89	7.38	16
30	8.49	.824	9.89	7.37	16
50	8.46	.794	9.91	7.36	16
75	7.66	.642	8.75	6.29	16
100	7.03	.625	7.89	5.86	16
125	6.68	.406	7.23	5.92	16
150	6.57	.288	7.24	6.13	16
175	6.43	.266	7.07	6.10	16
200	6.23	.250	6.73	5.84	16
225	5.95	.243	6.41	5.53	16
250	5.66	.210	6.08	5.27	16
300	5.20	.214	5.55	4.78	16
400	4.57	.226	5.11	4.27	16
500	4.24	.200	4.74	3.98	16
600	4.01	.149	4.39	3.82	16
700	3.80	.108	4.09	3.67	16
800	3.59	.103	3.83	3.43	16
900	3.42	.111	3.60	3.22	16
1000	3.25	.111	3.43	3.02	16
1200	2.87	.096	3.05	2.74	14
1500	2.42	.104	2.72	2.32	11
2000	2.12	.233	2.28	1.95	2
2500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.503	.0887	32.770	32.395	16
32.498	.0896	32.760	32.397	16
32.499	.0916	32.770	32.396	16
32.499	.0918	32.770	32.394	16
32.503	.0929	32.780	32.397	16
32.598	.1139	32.780	32.446	16
32.874	.1966	33.318	32.525	16
33.286	.1945	33.770	33.026	16
33.591	.1184	33.871	33.370	16
33.763	.0777	33.910	33.597	16
33.848	.0515	33.967	33.762	16
33.876	.0521	34.001	33.797	16
33.890	.0538	34.028	33.828	16
33.913	.0551	34.051	33.860	16
33.977	.0368	34.068	33.937	16
34.066	.0416	34.156	34.008	16
34.148	.0361	34.228	34.095	16
34.223	.0269	34.280	34.176	16
34.284	.0206	34.324	34.257	16
34.335	.0207	34.371	34.305	16
34.378	.0222	34.418	34.340	16
34.441	.0226	34.476	34.397	14
34.511	.0193	34.537	34.463	11
34.554	.0266	34.572	34.537	2
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.261	.1596	25.495	25.005	16
10	25.259	.1582	25.495	24.998	16
20	25.260	.1592	25.495	24.997	16
30	25.260	.1595	25.496	24.997	16
50	25.268	.1520	25.497	24.995	16
75	25.460	.1495	25.733	25.276	16
100	25.763	.1789	26.104	25.424	16
125	26.134	.1335	26.498	25.950	16
150	26.389	.0902	26.618	26.251	16
175	26.543	.0700	26.700	26.403	16
200	26.635	.0444	26.745	26.582	16
225	26.694	.0389	26.788	26.649	16
250	26.741	.0372	26.831	26.703	16
300	26.814	.0343	26.907	26.764	16
400	26.935	.0253	26.984	26.897	16
500	27.041	.0290	27.095	26.988	16
600	27.131	.0250	27.184	27.089	16
700	27.212	.0193	27.255	27.182	16
800	27.281	.0168	27.315	27.254	16
900	27.337	.0180	27.367	27.312	16
1000	27.388	.0200	27.417	27.357	16
1200	27.472	.0214	27.495	27.429	14
1500	27.568	.0236	27.590	27.505	11
2000	27.628	.0382	27.655	27.601	2
2500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
271.9	15.18	296.2	249.6	16
272.1	15.06	297.1	249.7	16
272.3	15.16	297.3	249.9	16
272.4	15.21	297.6	249.9	16
272.0	14.51	298.0	250.1	16
254.0	14.29	271.5	227.8	16
225.4	17.04	257.7	193.1	16
190.5	12.62	207.9	156.1	16
166.6	8.55	179.8	145.0	16
152.4	6.68	165.8	137.4	16
143.9	4.27	149.2	133.3	16
138.5	3.71	142.7	129.5	16
134.3	3.52	137.8	125.9	16
127.7	3.22	132.4	119.0	16
116.7	2.45	120.8	112.3	16
107.3	2.79	112.4	102.5	16
99.5	2.38	103.6	94.6	16
92.3	1.84	95.3	88.4	16
86.3	1.63	89.3	83.1	16
81.4	1.83	84.1	78.5	16
77.0	2.00	79.9	73.8	16
69.4	2.12	74.0	67.1	14
60.7	2.51	67.6	58.7	11
56.2	4.67	59.5	52.9	2
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.50	.836	9.89	7.38	16
10	8.49	.825	9.89	7.38	16
20	8.49	.825	9.89	7.38	16
30	8.49	.824	9.89	7.37	16
50	8.46	.792	9.90	7.36	16
75	7.65	.642	8.75	6.28	16
100	7.02	.624	7.88	5.86	16
125	6.67	.405	7.21	5.91	16
150	6.56	.290	7.22	6.11	16
175	6.41	.265	7.05	6.08	16
200	6.22	.249	6.71	5.83	16
225	5.93	.243	6.39	5.51	16
250	5.64	.209	6.06	5.25	16
300	5.18	.213	5.52	4.76	16
400	4.54	.225	5.08	4.24	16
500	4.20	.200	4.70	3.94	16
600	3.96	.148	4.34	3.77	16
700	3.74	.108	4.04	3.62	16
800	3.53	.101	3.77	3.38	16
900	3.35	.111	3.53	3.15	16
1000	3.18	.111	3.36	2.95	16
1200	2.79	.096	2.97	2.65	14
1500	2.32	.103	2.61	2.21	11
2000	1.97	.226	2.13	1.81	2
2500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
271.9	15.18	296.2	249.6	16
272.0	15.06	296.9	249.6	16
271.9	15.14	296.9	249.6	16
271.8	15.15	296.9	249.5	16
271.1	14.44	297.0	249.3	16
252.8	14.21	270.3	226.9	16
223.9	17.00	256.2	191.6	16
188.7	12.70	206.2	154.1	16
164.4	8.55	177.5	142.8	16
149.8	6.63	163.1	135.0	16
141.1	4.22	146.1	130.6	16
135.4	3.67	139.7	126.6	16
131.0	3.50	134.6	122.5	16
124.1	3.26	128.8	115.2	16
112.5	2.39	116.1	107.9	16
102.4	2.77	107.5	97.3	16
93.9	2.38	97.8	88.6	16
86.1	1.85	88.9	82.1	16
79.5	1.57	82.0	76.3	16
74.1	1.73	76.5	71.3	16
69.3	1.87	72.2	66.5	16
61.2	1.99	65.3	59.1	14
52.0	2.21	58.0	50.0	11
46.1	3.61	48.7	43.6	2
n/a	n/a	n/a	n/a	0

STATION MP12 J A N U A R Y 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	16
10	.272	.0152	.300	.250	16
20	.544	.0296	.590	.500	16
30	.819	.0460	.890	.750	16
50	1.364	.0772	1.490	1.250	16
75	2.027	.0894	2.190	1.870	16
100	2.632	.0925	2.790	2.490	16
125	3.153	.1111	3.350	3.000	16
150	3.597	.1248	3.810	3.420	16
175	3.993	.1345	4.210	3.770	16
200	4.362	.1424	4.590	4.110	16
225	4.714	.1481	4.950	4.440	16
250	5.055	.1547	5.300	4.750	16
300	5.710	.1624	5.960	5.380	16
400	6.929	.1713	7.160	6.570	16
500	8.049	.1849	8.270	7.660	16
600	9.082	.1994	9.350	8.670	16
700	10.039	.2111	10.340	9.600	16
800	10.932	.2223	11.250	10.470	16
900	11.772	.2338	12.110	11.290	16
1000	12.562	.2469	12.910	12.050	16
1200	13.994	.2777	14.360	13.460	14
1500	15.854	.3160	16.480	15.350	11
2000	19.335	.4455	19.650	19.020	2
2500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	16
.01	.004	.02	.01	16
.05	.005	.06	.05	16
.12	.010	.14	.11	16
.35	.019	.38	.32	16
.77	.029	.83	.72	16
1.31	.045	1.39	1.22	16
1.90	.073	2.01	1.80	16
2.52	.099	2.65	2.32	16
3.18	.126	3.35	2.90	16
3.89	.145	4.08	3.54	16
4.65	.160	4.85	4.26	16
5.48	.176	5.69	5.03	16
7.31	.211	7.58	6.77	16
11.65	.261	12.02	11.02	16
16.78	.351	17.37	16.04	16
22.57	.475	23.43	21.67	16
28.92	.601	30.01	27.84	16
35.74	.705	36.98	34.51	16
43.01	.821	44.36	41.57	16
50.67	.971	52.16	48.98	16
66.95	1.350	68.81	64.72	14
93.19	2.108	97.60	90.75	11
150.81	4.582	154.05	147.57	2
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1482	3.3	1487	1477	16
1482	3.1	1487	1478	16
1482	3.1	1487	1478	16
1482	3.1	1487	1478	16
1482	3.0	1488	1478	16
1480	2.5	1484	1474	16
1478	2.6	1481	1473	16
1478	1.8	1480	1474	16
1478	1.4	1481	1476	16
1478	1.1	1481	1477	16
1478	1.1	1480	1476	16
1477	1.1	1479	1475	16
1476	1.0	1478	1475	16
1475	.9	1477	1474	16
1474	1.1	1477	1473	16
1475	.9	1477	1474	16
1475	.6	1477	1475	16
1476	.6	1478	1476	16
1477	.4	1478	1477	16
1478	.6	1479	1477	16
1479	.6	1480	1478	16
1481	.6	1482	1480	14
1484	.3	1485	1484	11
1492	.7	1492	1491	2
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.563	.2468	12.912	12.053	16
10	12.290	.2408	12.646	11.784	16
20	12.018	.2353	12.380	11.514	16
30	11.745	.2309	12.114	11.244	16
50	11.199	.2248	11.582	10.705	16
75	10.534	.2280	10.918	10.008	16
100	9.931	.2128	10.260	9.442	16
125	9.411	.1908	9.709	9.007	16
150	8.967	.1729	9.241	8.636	16
175	8.570	.1623	8.826	8.283	16
200	8.201	.1558	8.450	7.941	16
225	7.848	.1507	8.087	7.579	16
250	7.508	.1460	7.737	7.234	16
300	6.853	.1366	7.068	6.583	16
400	5.634	.1155	5.819	5.403	16
500	4.514	.0914	4.657	4.330	16
600	3.481	.0696	3.592	3.346	16
700	2.523	.0514	2.606	2.431	16
800	1.630	.0359	1.684	1.574	16
900	.791	.0191	.817	.765	16
1000	.000	.0000	.000	.000	16
1200	-1.462	.0389	-1.403	-1.532	14
1500	-3.391	.1084	-3.298	-3.656	11
2000	-6.611	.3069	-6.394	-6.828	2
2500	n/a	n/a	n/a	n/a	0

STATION MP12 F E B R U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.45	.935	9.21	5.56	15
10	7.47	.937	9.21	5.54	15
20	7.46	.940	9.22	5.54	15
30	7.45	.942	9.23	5.54	15
50	7.45	.928	9.17	5.55	15
75	7.39	.625	7.98	5.66	15
100	7.25	.365	7.95	6.70	15
125	6.97	.311	7.66	6.38	15
150	6.83	.318	7.61	6.16	15
175	6.59	.333	7.42	5.97	14
200	6.32	.337	7.19	5.73	14
225	6.04	.387	7.00	5.41	14
250	5.79	.379	6.73	5.22	14
300	5.33	.387	6.29	4.83	14
400	4.74	.323	5.37	4.35	14
500	4.37	.316	5.00	4.04	14
600	4.08	.257	4.69	3.80	14
700	3.88	.212	4.42	3.59	14
800	3.66	.182	4.10	3.44	14
900	3.46	.139	3.82	3.29	14
1000	3.26	.117	3.54	3.09	14
1200	2.86	.090	3.01	2.71	13
1500	2.40	.039	2.46	2.35	9
2000	1.97	.028	1.99	1.95	2
2500	1.72	n/a	n/a	n/a	1

SALINITY

PRESS	MEAN	S.D.	MAX	MIN	N
0	32.531	.0577	32.610	32.400	15
10	32.524	.0566	32.610	32.400	15
20	32.524	.0563	32.610	32.400	15
30	32.524	.0570	32.616	32.400	15
50	32.530	.0501	32.620	32.443	15
75	32.622	.1517	33.100	32.478	15
100	33.011	.3420	33.638	32.557	15
125	33.419	.2262	33.769	33.111	15
150	33.689	.1183	33.878	33.431	15
175	33.807	.0679	33.940	33.664	14
200	33.869	.0407	33.973	33.787	14
225	33.887	.0396	33.990	33.806	14
250	33.903	.0410	34.007	33.821	14
300	33.925	.0481	34.045	33.835	14
400	33.996	.0486	34.107	33.918	14
500	34.070	.0455	34.164	33.981	14
600	34.145	.0333	34.209	34.079	14
700	34.221	.0303	34.277	34.170	14
800	34.286	.0348	34.359	34.240	14
900	34.338	.0317	34.398	34.299	14
1000	34.378	.0315	34.436	34.344	14
1200	34.444	.0322	34.500	34.396	13
1500	34.504	.0282	34.546	34.449	9
2000	34.595	.0000	34.599	34.591	2
2500	34.644	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.434	.1415	25.675	25.075	15
10	25.427	.1368	25.651	25.075	15
20	25.427	.1373	25.651	25.074	15
30	25.428	.1370	25.646	25.073	15
50	25.434	.1335	25.656	25.115	15
75	25.517	.1655	26.004	25.357	15
100	25.843	.2940	26.353	25.388	15
125	26.201	.1892	26.465	25.923	15
150	26.432	.1110	26.575	26.193	15
175	26.557	.0781	26.668	26.410	14
200	26.641	.0594	26.728	26.502	14
225	26.690	.0602	26.773	26.551	14
250	26.734	.0553	26.812	26.604	14
300	26.807	.0479	26.873	26.693	14
400	26.931	.0345	26.989	26.854	14
500	27.031	.0379	27.087	26.955	14
600	27.120	.0321	27.176	27.079	14
700	27.202	.0332	27.251	27.142	14
800	27.275	.0347	27.347	27.224	14
900	27.336	.0306	27.401	27.296	14
1000	27.387	.0278	27.444	27.356	14
1200	27.476	.0297	27.525	27.436	13
1500	27.565	.0227	27.595	27.522	9
2000	27.672	.0094	27.677	27.667	2
2500	27.730	n/a	n/a	n/a	1

SVA

PRESS	MEAN	S.D.	MAX	MIN	N
0	255.3	13.46	289.5	232.5	15
10	256.2	13.04	289.7	234.8	15
20	256.3	13.09	289.9	234.9	15
30	256.4	13.08	290.2	235.5	15
50	256.1	12.77	286.6	234.8	15
75	248.5	15.78	263.8	202.2	15
100	218.0	27.94	261.2	169.5	15
125	184.3	17.96	210.8	159.3	15
150	162.7	10.58	185.4	149.1	15
175	151.1	7.51	165.4	140.6	14
200	143.4	5.75	157.0	135.2	14
225	139.0	5.85	152.6	131.1	14
250	135.0	5.38	147.8	127.7	14
300	128.4	4.70	139.8	122.3	14
400	117.2	3.40	125.1	111.8	14
500	108.5	3.76	116.1	103.2	14
600	100.6	3.23	104.8	95.0	14
700	93.4	3.35	99.9	88.7	14
800	87.0	3.45	92.6	80.0	14
900	81.6	3.05	86.2	75.2	14
1000	77.1	2.74	80.3	71.4	14
1200	69.1	2.93	72.9	64.1	13
1500	60.9	2.10	64.9	58.3	9
2000	51.5	.78	52.0	50.9	2
2500	46.5	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.45	.935	9.21	5.56	15
10	7.47	.937	9.21	5.54	15
20	7.46	.940	9.22	5.54	15
30	7.45	.941	9.22	5.54	15
50	7.44	.927	9.17	5.55	15
75	7.38	.626	7.97	5.65	15
100	7.24	.365	7.94	6.69	15
125	6.96	.311	7.65	6.37	15
150	6.82	.320	7.60	6.14	15
175	6.57	.335	7.41	5.96	14
200	6.30	.337	7.17	5.71	14
225	6.02	.386	6.98	5.39	14
250	5.77	.379	6.71	5.20	14
300	5.31	.385	6.26	4.80	14
400	4.70	.320	5.33	4.32	14
500	4.33	.314	4.96	4.00	14
600	4.04	.254	4.64	3.76	14
700	3.83	.209	4.36	3.54	14
800	3.60	.181	4.04	3.39	14
900	3.39	.139	3.76	3.22	14
1000	3.19	.117	3.47	3.03	14
1200	2.78	.089	2.93	2.63	13
1500	2.30	.039	2.36	2.25	9
2000	1.83	.028	1.85	1.81	2
2500	1.54	n/a	n/a	n/a	1

SVA (THETA)

PRESS	MEAN	S.D.	MAX	MIN	N
0	255.3	13.46	289.5	232.5	15
10	256.1	13.01	289.5	234.7	15
20	256.0	13.06	289.6	234.7	15
30	255.9	13.04	289.7	235.2	15
50	255.3	12.68	285.6	234.5	15
75	247.4	15.73	262.6	201.1	15
100	216.4	27.94	259.6	167.9	15
125	182.4	17.96	208.6	157.3	15
150	160.4	10.54	183.1	146.8	15
175	148.5	7.42	162.4	137.9	14
200	140.5	5.62	153.7	132.3	14
225	135.9	5.68	149.0	128.0	14
250	131.6	5.23	144.0	124.3	14
300	124.7	4.52	135.4	118.4	14
400	112.9	3.55	120.1	107.4	14
500	103.4	3.57	110.5	98.0	14
600	94.9	3.02	98.7	89.6	14
700	87.1	3.11	92.6	82.4	14
800	80.1	3.29	84.9	73.2	14
900	74.2	2.89	78.0	68.1	14
1000	69.4	2.63	72.3	64.0	14
1200	60.9	2.81	64.7	56.3	13
1500	52.4	2.12	56.4	49.5	9
2000	42.0	.64	42.5	41.6	2
2500	36.2	n/a	n/a	n/a	1

STATION MP12 F E B R U A R Y 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	15
10	.256	.0118	.290	.240	15
20	.513	.0260	.580	.470	15
30	.770	.0378	.870	.710	15
50	1.282	.0646	1.450	1.180	15
75	1.921	.0910	2.120	1.750	15
100	2.505	.1329	2.690	2.190	15
125	3.007	.1818	3.250	2.600	15
150	3.438	.2077	3.710	2.990	15
175	3.851	.2100	4.110	3.360	14
200	4.219	.2192	4.480	3.730	14
225	4.570	.2256	4.830	4.090	14
250	4.912	.2357	5.180	4.430	14
300	5.571	.2487	5.860	5.110	14
400	6.796	.2758	7.180	6.350	14
500	7.925	.2996	8.380	7.510	14
600	8.969	.3204	9.480	8.550	14
700	9.937	.3317	10.440	9.480	14
800	10.839	.3395	11.280	10.350	14
900	11.681	.3459	12.050	11.170	14
1000	12.474	.3550	12.860	11.950	14
1200	13.905	.3823	14.390	13.370	13
1500	15.830	.4569	16.460	15.270	9
2000	18.350	.4808	18.690	18.010	2
2500	20.450	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	15
.01	.000	.01	.01	15
.05	.003	.06	.05	15
.12	.006	.13	.11	15
.33	.017	.37	.30	15
.73	.032	.79	.66	15
1.25	.079	1.35	1.05	15
1.83	.140	2.03	1.52	15
2.43	.180	2.68	2.07	15
3.09	.201	3.37	2.69	14
3.80	.221	4.09	3.39	14
4.56	.243	4.88	4.16	14
5.39	.268	5.74	5.00	14
7.23	.322	7.75	6.81	14
11.59	.441	12.44	10.98	14
16.77	.581	17.95	15.90	14
22.61	.743	24.13	21.47	14
29.03	.861	30.48	27.61	14
35.93	.979	36.97	34.27	14
43.22	1.142	44.51	41.39	14
50.89	1.342	52.48	48.75	14
67.15	1.905	69.61	64.28	13
94.21	2.602	98.00	89.97	9
142.81	4.398	145.92	139.70	2
195.54	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.69	n/a	n/a	n/a	1
10	6.70	n/a	n/a	n/a	1
20	6.65	n/a	n/a	n/a	1
30	6.67	n/a	n/a	n/a	1
50	6.69	n/a	n/a	n/a	1
75	6.28	n/a	n/a	n/a	1
100	4.33	n/a	n/a	n/a	1
125	3.91	n/a	n/a	n/a	1
150	3.54	n/a	n/a	n/a	1
175	3.34	n/a	n/a	n/a	1
200	3.04	n/a	n/a	n/a	1
225	2.72	n/a	n/a	n/a	1
250	2.42	n/a	n/a	n/a	1
300	1.90	n/a	n/a	n/a	1
400	1.18	n/a	n/a	n/a	1
500	.77	n/a	n/a	n/a	1
600	.59	n/a	n/a	n/a	1
700	.46	n/a	n/a	n/a	1
800	.41	n/a	n/a	n/a	1
900	.37	n/a	n/a	n/a	1
1000	.40	n/a	n/a	n/a	1
1200	.51	n/a	n/a	n/a	1
1500	.84	n/a	n/a	n/a	1
2000	1.46	n/a	n/a	n/a	1
2500	1.95	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1477	3.7	1484	1470	15
1478	3.7	1484	1470	15
1478	3.7	1484	1470	15
1478	3.9	1485	1470	15
1478	3.6	1485	1471	15
1479	2.4	1481	1472	15
1479	1.3	1481	1477	15
1479	1.3	1482	1477	15
1479	1.4	1482	1476	15
1479	1.3	1482	1476	14
1478	1.4	1482	1476	14
1478	1.4	1481	1475	14
1477	1.6	1481	1475	14
1476	1.7	1480	1474	14
1475	1.4	1478	1473	14
1475	1.4	1478	1474	14
1476	1.0	1478	1475	14
1477	.9	1479	1476	14
1477	.8	1479	1477	14
1478	.6	1480	1478	14
1479	.4	1480	1479	14
1481	.5	1482	1480	13
1484	.0	1484	1484	9
1491	.0	1491	1491	2
1498	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.474	.3567	12.863	11.948	14
10	12.216	.3513	12.602	11.688	14
20	11.958	.3466	12.344	11.427	14
30	11.700	.3414	12.086	11.166	14
50	11.184	.3334	11.577	10.644	14
75	10.542	.3285	10.941	9.973	14
100	9.953	.2942	10.305	9.455	14
125	9.447	.2561	9.738	9.032	14
150	9.014	.2340	9.282	8.647	14
175	8.623	.2193	8.866	8.282	14
200	8.256	.2085	8.483	7.929	14
225	7.903	.1991	8.119	7.590	14
250	7.561	.1903	7.768	7.263	14
300	6.903	.1763	7.095	6.626	14
400	5.679	.1573	5.888	5.437	14
500	4.549	.1401	4.771	4.342	14
600	3.506	.1226	3.709	3.299	14
700	2.536	.0965	2.690	2.339	14
800	1.634	.0629	1.725	1.498	14
900	.793	.0292	.832	.731	14
1000	.000	.0000	.000	.000	14
1200	-1.457	.0552	-1.357	-1.528	13
1500	-3.421	.1104	-3.259	-3.593	9
2000	-6.172	.1534	-6.063	-6.280	2
2500	-8.501	n/a	n/a	n/a	1

STATION MP12 M A R C H 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.72	.633	8.87	6.79	15
10	7.72	.610	8.86	6.76	15
20	7.68	.585	8.81	6.76	15
30	7.67	.578	8.79	6.76	15
50	7.64	.564	8.78	6.76	15
75	7.53	.537	8.73	6.71	15
100	7.23	.409	8.03	6.63	15
125	6.99	.373	7.56	6.37	15
150	6.81	.349	7.43	6.14	15
175	6.62	.331	7.15	5.96	15
200	6.38	.343	6.88	5.71	15
225	6.11	.372	6.68	5.45	15
250	5.86	.387	6.53	5.25	15
300	5.39	.335	5.97	4.92	15
400	4.76	.203	5.19	4.46	14
500	4.35	.189	4.80	4.09	14
600	4.09	.160	4.38	3.79	13
700	3.86	.155	4.20	3.61	13
800	3.64	.125	3.90	3.43	13
900	3.44	.127	3.69	3.23	13
1000	3.26	.121	3.46	3.05	13
1200	2.86	.093	3.00	2.69	12
1500	2.41	.048	2.46	2.33	7
2000	1.92	.028	1.94	1.90	2
2500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.516	.1017	32.720	32.340	15
32.514	.0975	32.720	32.349	15
32.523	.0886	32.720	32.390	15
32.526	.0862	32.720	32.390	15
32.531	.0838	32.720	32.397	15
32.615	.1437	32.970	32.464	15
33.073	.2822	33.633	32.669	15
33.503	.1890	33.824	33.150	15
33.748	.0849	33.936	33.658	15
33.851	.0694	34.040	33.778	15
33.893	.0584	34.070	33.839	15
33.911	.0575	34.080	33.854	15
33.927	.0561	34.089	33.865	15
33.959	.0513	34.100	33.890	15
34.030	.0543	34.154	33.966	14
34.112	.0688	34.300	34.037	14
34.175	.0386	34.249	34.117	13
34.238	.0376	34.318	34.173	13
34.298	.0361	34.376	34.236	13
34.352	.0323	34.427	34.306	13
34.395	.0295	34.469	34.358	13
34.455	.0270	34.518	34.418	12
34.514	.0134	34.527	34.491	7
34.576	.0376	34.602	34.549	2
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.387	.1527	25.560	25.082	15
10	25.387	.1460	25.560	25.090	15
20	25.399	.1336	25.560	25.149	15
30	25.402	.1298	25.562	25.168	15
50	25.411	.1242	25.569	25.185	15
75	25.493	.1506	25.811	25.210	15
100	25.894	.2359	26.284	25.500	15
125	26.264	.1626	26.441	25.913	15
150	26.481	.0734	26.598	26.352	15
175	26.588	.0585	26.713	26.488	15
200	26.651	.0521	26.768	26.565	15
225	26.700	.0508	26.818	26.614	15
250	26.744	.0516	26.856	26.648	15
300	26.826	.0448	26.913	26.742	15
400	26.956	.0417	27.061	26.903	14
500	27.066	.0569	27.225	27.010	14
600	27.143	.0313	27.200	27.097	13
700	27.217	.0310	27.287	27.168	13
800	27.286	.0297	27.351	27.236	13
900	27.349	.0273	27.406	27.313	13
1000	27.399	.0229	27.455	27.370	13
1200	27.485	.0218	27.530	27.450	12
1500	27.571	.0130	27.587	27.550	7
2000	27.660	.0322	27.683	27.637	2
2500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
259.9	14.51	288.9	243.4	15
260.0	13.90	288.1	243.5	15
259.1	12.71	282.8	243.7	15
258.8	12.36	281.1	243.6	15
258.3	11.85	279.9	243.3	15
250.8	14.36	277.9	220.6	15
213.1	22.40	250.5	176.2	15
178.3	15.44	211.7	161.1	15
158.0	7.01	170.4	147.1	15
148.3	5.59	157.9	136.5	15
142.5	5.01	150.8	131.5	15
138.0	4.92	146.5	126.9	15
134.1	5.00	143.5	123.4	15
126.6	4.37	135.0	118.6	15
114.9	3.97	120.1	105.0	14
105.1	5.40	110.5	90.1	14
98.4	3.01	102.9	93.1	13
92.0	3.04	96.6	85.3	13
85.9	2.84	90.7	79.9	13
80.4	2.66	83.8	75.1	13
76.0	2.20	78.7	71.0	13
68.2	2.08	71.7	64.3	12
60.4	1.37	62.5	58.6	7
52.3	3.04	54.4	50.1	2
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.72	.633	8.87	6.79	15
10	7.72	.610	8.86	6.76	15
20	7.68	.585	8.81	6.76	15
30	7.67	.578	8.79	6.76	15
50	7.63	.561	8.77	6.76	15
75	7.52	.538	8.72	6.70	15
100	7.22	.409	8.02	6.62	15
125	6.98	.374	7.55	6.36	15
150	6.79	.347	7.41	6.13	15
175	6.60	.330	7.13	5.94	15
200	6.37	.342	6.86	5.70	15
225	6.09	.370	6.66	5.43	15
250	5.84	.386	6.51	5.23	15
300	5.37	.334	5.94	4.90	15
400	4.73	.202	5.16	4.43	14
500	4.31	.189	4.76	4.05	14
600	4.05	.157	4.33	3.75	13
700	3.81	.156	4.15	3.56	13
800	3.58	.125	3.84	3.37	13
900	3.38	.123	3.62	3.17	13
1000	3.18	.121	3.39	2.98	13
1200	2.77	.092	2.91	2.61	12
1500	2.31	.048	2.36	2.23	7
2000	1.78	.028	1.80	1.76	2
2500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
259.9	14.51	288.9	243.4	15
259.9	13.90	288.1	243.3	15
258.7	13.70	282.5	243.3	15
258.3	13.35	280.6	243.1	15
257.5	12.79	279.0	242.5	15
249.7	14.30	276.5	219.5	15
211.5	22.41	248.9	174.5	15
176.3	15.43	209.7	159.5	15
155.7	6.98	168.0	144.6	15
145.6	5.54	155.0	133.7	15
139.6	4.94	147.7	128.5	15
134.9	4.82	143.0	123.6	15
130.7	4.69	139.7	119.8	15
122.9	4.25	130.9	114.7	15
110.5	3.63	115.5	100.6	14
100.1	5.37	105.3	85.0	14
92.6	2.94	97.0	87.3	13
85.6	2.95	90.3	79.0	13
79.0	2.81	83.8	72.9	13
73.0	2.57	76.4	67.6	13
68.3	2.18	71.0	62.9	13
60.0	2.06	63.3	55.7	12
51.8	1.28	53.8	50.3	7
43.1	3.04	45.3	41.0	2
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	15
10	.261	.0155	.290	.240	15
20	.520	.0270	.570	.490	15
30	.780	.0409	.860	.730	15
50	1.296	.0632	1.420	1.220	15
75	1.942	.0922	2.120	1.820	15
100	2.525	.1316	2.790	2.360	15
125	3.009	.1734	3.310	2.790	15
150	3.424	.1950	3.730	3.180	15
175	3.807	.2063	4.140	3.560	15
200	4.171	.2155	4.520	3.900	15
225	4.520	.2234	4.890	4.230	15
250	4.860	.2544	5.260	4.540	15
300	5.512	.2505	5.950	5.140	15
400	6.733	.2814	7.210	6.290	14
500	7.833	.3117	8.360	7.340	14
600	8.880	.3369	9.430	8.290	13
700	9.831	.3586	10.420	9.190	13
800	10.719	.3840	11.360	10.010	13
900	11.552	.4095	12.240	10.780	13
1000	12.331	.4254	13.030	11.510	13
1200	13.762	.4751	14.500	12.860	12
1500	15.680	.4255	16.490	15.230	7
2000	18.105	.2050	18.250	17.960	2
2500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	15
.01	.000	.01	.01	15
.05	.005	.06	.05	15
.12	.008	.13	.11	15
.33	.016	.36	.31	15
.74	.033	.80	.70	15
1.26	.073	1.41	1.14	15
1.81	.123	2.02	1.62	15
2.40	.154	2.67	2.18	15
3.03	.175	3.35	2.80	15
3.72	.194	4.08	3.47	15
4.48	.216	4.89	4.17	15
5.31	.240	5.76	4.93	15
7.13	.297	7.71	6.61	15
11.44	.418	12.20	10.70	14
16.49	.589	17.48	15.51	14
22.29	.727	23.46	20.87	13
28.58	.913	30.03	26.77	13
35.37	1.137	37.20	33.04	13
42.57	1.366	44.76	39.74	13
50.13	1.570	52.45	46.79	13
66.36	2.032	69.06	61.93	12
93.01	2.292	96.43	90.71	7
140.54	1.902	141.89	139.20	2
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.85	.130	6.98	6.67	4
10	6.87	.168	7.08	6.67	4
20	6.88	.156	7.08	6.70	4
30	6.97	.110	7.08	6.87	4
50	6.90	.138	7.07	6.74	4
75	6.73	.158	6.95	6.59	4
100	5.43	.436	5.94	5.06	4
125	4.70	.282	4.88	4.28	4
150	4.06	.382	4.62	3.77	4
175	3.75	.358	4.26	3.43	4
200	3.55	.180	3.81	3.43	4
225	3.34	.123	3.48	3.21	4
250	3.09	.218	3.41	2.83	4
300	2.34	.123	2.43	2.16	4
400	1.50	.092	1.58	1.40	3
500	1.01	.035	1.03	.97	3
600	.72	.134	.81	.62	3
700	.57	.085	.63	.51	2
800	.46	.057	.50	.42	2
900	.41	.042	.44	.38	2
1000	.38	.049	.41	.34	2
1200	.46	.099	.53	.39	2
1500	.74	.057	.78	.70	2
2000	.97	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1479	2.4	1483	1475	15
1479	2.3	1483	1475	15
1479	2.3	1483	1475	15
1479	2.2	1483	1475	15
1479	2.1	1483	1476	15
1479	2.1	1484	1476	15
1479	1.6	1482	1477	15
1479	1.5	1482	1477	15
1479	1.5	1482	1476	15
1479	1.5	1481	1476	15
1478	1.2	1480	1476	15
1478	1.6	1480	1475	15
1477	1.7	1480	1475	15
1476	1.3	1478	1474	15
1475	.9	1477	1474	14
1475	.9	1477	1474	14
1476	.6	1477	1475	13
1477	.6	1478	1476	13
1478	.7	1479	1477	13
1478	.6	1479	1477	13
1479	.7	1480	1478	13
1481	.5	1482	1480	12
1484	.0	1484	1484	7
1490	.0	1490	1490	2
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.331	.4249	13.029	11.509	13
10	12.069	.4134	12.752	11.265	13
20	11.808	.4029	12.478	11.022	13
30	11.547	.3933	12.206	10.778	13
50	11.029	.3771	11.665	10.291	13
75	10.381	.3596	10.997	9.666	13
100	9.795	.3370	10.343	9.127	13
125	9.304	.3039	9.765	8.684	13
150	8.885	.2815	9.296	8.296	13
175	8.503	.2681	8.889	7.938	13
200	8.139	.2546	8.506	7.606	13
225	7.788	.2421	8.135	7.282	13
250	7.447	.2291	7.772	6.970	13
300	6.794	.2040	7.077	6.368	13
400	5.583	.1688	5.819	5.220	13
500	4.474	.1400	4.669	4.171	13
600	3.451	.1079	3.597	3.214	13
700	2.500	.0799	2.605	2.323	13
800	1.611	.0506	1.677	1.501	13
900	.780	.0235	.811	.728	13
1000	.000	.0000	.000	.000	13
1200	-1.442	.0402	-1.351	-1.49[illegible]	12
1500	-3.373	.0841	-3.290	-3.502	7
2000	-6.090	.1025	-6.017	-6.162	2
2500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.49	.979	9.20	6.37	13
10	7.46	.905	9.02	6.36	13
20	7.41	.895	9.02	6.36	13
30	7.38	.900	9.01	6.33	13
50	7.29	.883	8.92	6.26	13
75	7.14	.749	8.33	6.00	13
100	6.99	.490	7.66	6.17	13
125	6.82	.308	7.27	6.29	13
150	6.72	.370	7.27	6.03	13
175	6.48	.347	6.91	5.72	13
200	6.19	.299	6.61	5.55	13
225	5.94	.290	6.32	5.40	13
250	5.72	.295	6.08	5.27	13
300	5.26	.334	5.71	4.71	13
400	4.74	.285	5.10	4.15	12
500	4.41	.234	4.62	3.93	12
600	4.15	.150	4.31	3.85	12
700	3.92	.132	4.06	3.63	12
800	3.70	.112	3.86	3.48	12
900	3.47	.086	3.57	3.30	12
1000	3.26	.067	3.35	3.13	12
1200	2.86	.047	2.94	2.77	12
1500	2.39	.033	2.44	2.31	12
2000	1.95	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.479	.1440	32.650	32.075	13
32.478	.1427	32.641	32.089	13
32.512	.0768	32.630	32.369	13
32.515	.0759	32.630	32.368	13
32.539	.0642	32.630	32.459	13
32.616	.1090	32.860	32.476	13
33.082	.2512	33.578	32.694	13
33.506	.1575	33.726	33.197	13
33.731	.1010	33.837	33.505	13
33.834	.0537	33.909	33.728	13
33.878	.0535	33.975	33.780	13
33.895	.0482	33.973	33.787	13
33.905	.0490	33.973	33.807	13
33.934	.0449	34.007	33.843	13
33.997	.0507	34.061	33.883	13
34.096	.0336	34.144	34.050	13
34.177	.0217	34.220	34.139	13
34.244	.0219	34.281	34.208	13
34.301	.0219	34.332	34.265	13
34.348	.0156	34.373	34.325	13
34.388	.0136	34.408	34.366	13
34.448	.0098	34.462	34.434	13
34.517	.0137	34.537	34.485	13
34.597	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.388	.2180	25.659	24.975	13
10	25.392	.2100	25.652	25.008	13
20	25.436	.1705	25.654	25.136	13
30	25.433	.1694	25.665	25.145	13
50	25.463	.1592	25.673	25.178	13
75	25.546	.1475	25.807	25.275	13
100	25.933	.2086	26.306	25.509	13
125	26.289	.1279	26.514	26.088	13
150	26.480	.0821	26.654	26.349	13
175	26.592	.0497	26.724	26.531	13
200	26.664	.0436	26.754	26.616	13
225	26.711	.0360	26.780	26.663	13
250	26.745	.0374	26.812	26.698	13
300	26.823	.0364	26.899	26.781	13
400	26.933	.0336	26.994	26.860	13
500	27.047	.0273	27.094	26.993	13
600	27.139	.0206	27.183	27.107	12
700	27.216	.0157	27.246	27.197	12
800	27.283	.0157	27.308	27.264	12
900	27.343	.0095	27.361	27.327	12
1000	27.395	.0098	27.416	27.379	12
1200	27.480	.0089	27.496	27.464	12
1500	27.576	.0112	27.593	27.552	12
2000	27.675	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
259.7	20.71	299.0	234.0	13
259.5	19.98	296.1	234.8	13
256.5	16.25	284.1	234.7	13
255.9	16.15	283.4	233.8	13
253.3	15.22	280.6	233.3	13
245.8	14.10	271.6	220.8	13
209.3	19.81	249.8	174.0	13
175.9	17.16	195.0	154.4	13
158.2	7.80	170.4	141.4	13
147.8	4.78	153.7	135.0	13
141.1	4.19	145.6	132.3	13
137.0	3.45	141.3	130.4	13
133.9	3.59	138.3	127.6	13
126.9	3.56	131.0	119.5	13
117.1	3.55	123.8	110.9	13
106.9	2.70	112.2	102.1	13
98.9	2.05	101.9	94.4	13
92.2	1.53	94.2	89.1	13
86.3	1.52	88.5	83.7	13
81.0	.96	82.5	79.0	13
76.4	.97	78.0	74.4	13
68.7	.87	70.4	67.0	13
59.9	1.04	61.9	58.3	12
51.1	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.49	.979	9.20	6.37	13
10	7.46	.905	9.02	6.36	13
20	7.41	.895	9.02	6.36	13
30	7.37	.901	9.01	6.33	13
50	7.28	.881	8.91	6.26	13
75	7.13	.747	8.32	6.00	13
100	6.98	.489	7.85	6.16	13
125	6.81	.308	7.26	6.28	13
150	6.70	.369	7.26	6.02	13
175	6.47	.347	6.89	5.71	13
200	6.17	.300	6.59	5.53	13
225	5.92	.290	6.30	5.38	13
250	5.70	.295	6.06	5.25	13
300	5.24	.331	5.68	4.69	13
400	4.70	.283	5.07	4.12	12
500	4.37	.232	4.58	3.90	12
600	4.11	.149	4.37	3.81	12
700	3.86	.132	4.01	3.58	12
800	3.64	.115	3.90	3.42	12
900	3.40	.085	3.51	3.24	12
1000	3.19	.065	3.28	3.06	12
1200	2.78	.047	2.86	2.69	12
1500	2.28	.033	2.34	2.20	12
2000	1.82	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
259.7	20.71	299.0	234.0	13
259.4	19.98	296.9	234.6	13
256.2	16.24	283.7	234.4	13
255.5	16.10	282.8	233.4	13
252.5	15.13	279.7	232.6	13
244.7	14.02	270.4	219.8	13
207.8	19.82	248.2	172.4	13
174.0	17.16	193.1	152.6	13
155.9	7.77	168.3	139.4	13
145.3	4.71	151.0	132.7	13
138.3	4.13	142.9	129.8	13
133.9	3.40	138.4	127.3	13
130.6	3.51	135.1	124.3	13
123.2	3.42	127.2	116.0	13
112.7	3.19	119.7	106.9	13
101.8	2.56	106.9	97.4	13
93.1	1.98	96.1	88.9	13
85.7	1.48	87.5	83.9	13
79.3	1.45	81.1	77.0	13
73.5	.95	75.1	71.9	13
68.6	.94	70.1	66.7	13
60.5	.82	62.0	59.0	13
51.3	1.05	53.5	49.7	13
41.7	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	13
10	.262	.0203	.300	.230	13
20	.519	.0366	.580	.470	13
30	.775	.0536	.860	.700	13
50	1.286	.0833	1.420	1.170	13
75	1.915	.1181	2.100	1.750	13
100	2.482	.1444	2.720	2.270	13
125	2.965	.1735	3.280	2.690	13
150	3.380	.1944	3.740	3.050	13
175	3.763	.2056	4.150	3.450	13
200	4.124	.2113	4.520	3.810	13
225	4.469	.2147	4.870	4.150	13
250	4.808	.2188	5.220	4.480	13
300	5.461	.2281	5.890	5.100	13
400	6.711	.2293	7.130	6.370	12
500	7.831	.2528	8.260	7.430	12
600	8.857	.2719	9.310	8.410	12
700	9.813	.2867	10.280	9.330	12
800	10.706	.2971	11.180	10.200	12
900	11.540	.3086	12.030	11.010	12
1000	12.327	.3154	12.830	11.780	12
1200	13.775	.3296	14.290	13.190	12
1500	15.703	.3529	16.230	15.070	12
2000	18.540	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	13
.01	.003	.02	.01	13
.05	.005	.06	.05	13
.12	.008	.13	.11	13
.33	.021	.36	.30	13
.73	.045	.80	.67	13
1.23	.072	1.37	1.10	13
1.79	.105	2.00	1.58	13
2.37	.140	2.64	2.13	13
3.00	.162	3.32	2.74	13
3.69	.172	4.02	3.40	13
4.44	.186	4.79	4.11	13
5.26	.199	5.63	4.89	13
7.00	.233	7.50	6.65	13
11.47	.377	11.93	11.00	12
16.60	.380	17.13	15.89	12
22.36	.499	23.13	21.38	12
28.68	.604	29.60	27.45	12
35.51	.688	36.57	34.11	12
42.74	.790	43.89	41.09	12
50.35	.857	51.58	48.56	12
66.58	1.032	67.92	64.41	12
93.04	1.377	94.92	90.12	12
142.76	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1477	3.8	1484	1473	13
1478	3.5	1484	1473	13
1478	3.4	1484	1474	13
1478	3.5	1484	1474	13
1478	3.3	1484	1474	13
1478	3.1	1483	1473	13
1478	2.0	1481	1475	13
1478	1.2	1480	1476	13
1479	1.5	1481	1476	13
1478	1.6	1480	1475	13
1478	1.2	1479	1475	13
1477	1.3	1479	1475	13
1477	1.3	1478	1475	13
1476	1.3	1477	1473	13
1475	1.1	1477	1473	13
1475	1.0	1476	1473	13
1476	.8	1477	1475	13
1477	.6	1478	1476	13
1478	.5	1478	1477	13
1479	.5	1479	1478	13
1479	.5	1480	1479	13
1481	.0	1481	1481	13
1484	.0	1484	1484	13
1491	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.327	.3153	12.825	11.778	12
10	12.065	.2997	12.543	11.540	12
20	11.804	.2859	12.261	11.299	12
30	11.545	.2727	11.981	11.064	12
50	11.032	.2489	11.425	10.589	12
75	10.399	.2197	10.743	9.996	12
100	9.832	.1884	10.101	9.454	12
125	9.347	.1550	9.572	9.023	12
150	8.927	.1393	9.143	8.655	12
175	8.541	.1334	8.757	8.248	12
200	8.179	.1322	8.397	7.887	12
225	7.830	.1301	8.045	7.539	12
250	7.491	.1273	7.700	7.208	12
300	6.838	.1195	7.027	6.579	12
400	5.617	.0986	5.772	5.411	12
500	4.497	.0740	4.606	4.345	12
600	3.469	.0513	3.530	3.364	12
700	2.514	.0347	2.552	2.449	12
800	1.621	.0222	1.652	1.577	12
900	.786	.0091	.803	.770	12
1000	.000	.0000	.000	.000	12
1200	-1.447	.0190	-1.414	-1.473	12
1500	-3.374	.0429	-3.287	-3.433	12
2000	-6.147	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

STATION MP12 M A Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.02	1.011	11.10	7.54	37
10	8.86	.958	11.09	7.33	37
20	8.69	.978	10.72	6.68	37
30	8.46	.898	10.16	6.43	37
50	7.90	.796	9.41	6.37	37
75	7.45	.716	8.70	6.14	37
100	7.06	.537	8.23	6.04	37
125	6.80	.427	8.03	6.06	37
150	6.71	.402	7.81	6.07	37
175	6.55	.369	7.61	5.83	37
200	6.31	.385	7.41	5.51	37
225	6.03	.404	7.30	5.30	37
250	5.75	.424	7.22	4.98	37
300	5.25	.451	7.01	4.50	37
400	4.65	.387	6.20	4.06	37
500	4.29	.375	5.33	3.87	36
600	4.01	.192	4.70	3.74	36
700	3.80	.139	4.15	3.58	36
800	3.61	.126	3.84	3.38	36
900	3.43	.116	3.72	3.27	36
1000	3.23	.096	3.46	3.06	36
1200	2.87	.078	3.07	2.69	34
1500	2.41	.058	2.55	2.29	23
2000	1.94	.020	1.96	1.92	3
2500	1.74	.000	1.74	1.74	2

SALINITY

MEAN	S.D.	MAX	MIN	N
32.494	.1347	32.652	31.920	37
32.488	.1203	32.650	32.019	37
32.502	.0923	32.650	32.298	37
32.511	.0830	32.650	32.312	37
32.567	.1240	33.141	32.336	37
32.674	.2315	33.770	32.407	37
32.957	.2740	33.839	32.549	37
33.372	.2238	33.877	32.904	37
33.662	.1346	33.905	33.387	37
33.810	.0636	33.932	33.669	37
33.870	.0442	33.960	33.798	37
33.887	.0424	33.980	33.800	37
33.898	.0398	33.988	33.817	37
33.919	.0349	33.990	33.858	37
33.991	.0335	34.076	33.906	37
34.076	.0326	34.128	33.977	36
34.155	.0329	34.216	34.055	36
34.224	.0271	34.273	34.162	36
34.286	.0261	34.335	34.214	36
34.341	.0205	34.373	34.297	36
34.383	.0183	34.411	34.340	36
34.446	.0160	34.478	34.405	34
34.515	.0171	34.537	34.460	23
34.594	.0081	34.600	34.588	3
34.634	.0000	34.637	34.631	2

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.173	.2086	25.504	24.607	37
10	25.195	.1969	25.512	24.758	37
20	25.230	.1810	25.581	24.822	37
30	25.273	.1548	25.621	24.993	37
50	25.400	.1480	25.751	25.176	37
75	25.548	.1950	25.899	25.224	37
100	25.825	.1985	26.350	25.506	37
125	26.186	.1522	26.527	25.858	37
150	26.426	.0997	26.594	26.142	37
175	26.564	.0591	26.683	26.415	37
200	26.642	.0430	26.721	26.541	37
225	26.692	.0399	26.766	26.577	37
250	26.735	.0400	26.803	26.593	37
300	26.811	.0433	26.903	26.736	37
400	26.937	.0422	27.024	26.775	37
500	27.044	.0377	27.112	26.893	36
600	27.136	.0351	27.202	27.011	36
700	27.212	.0279	27.261	27.146	36
800	27.280	.0266	27.336	27.217	36
900	27.341	.0213	27.371	27.283	36
1000	27.394	.0191	27.427	27.338	36
1200	27.477	.0151	27.504	27.432	34
1500	27.573	.0146	27.591	27.529	23
2000	27.674	.0055	27.680	27.669	3
2500	27.720	.0000	27.723	27.718	2

SVA

MEAN	S.D.	MAX	MIN	N
280.2	19.85	334.1	248.7	37
278.3	18.75	319.9	248.1	37
275.1	17.25	314.0	241.7	37
271.2	14.77	299.8	238.0	37
259.3	14.12	280.7	226.0	37
245.6	18.55	276.5	177.4	37
219.6	18.83	250.0	170.0	37
185.7	14.39	216.6	153.3	37
163.2	9.45	190.4	147.3	37
150.4	5.68	164.6	139.1	37
143.3	4.19	153.0	135.6	37
138.8	3.92	150.3	131.4	37
134.9	3.98	149.1	128.2	37
127.9	4.56	145.6	118.7	37
116.6	4.28	133.3	107.9	37
107.1	3.80	122.5	100.3	36
99.0	3.47	111.6	92.4	36
92.3	2.77	99.1	87.5	36
86.4	2.65	92.4	80.9	36
81.1	2.16	87.2	78.0	36
76.5	1.94	82.1	72.9	36
69.0	1.55	73.6	66.0	34
60.2	1.47	64.3	58.4	23
51.1	.55	51.5	50.5	3
47.5	.28	47.7	47.3	2

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.02	1.011	11.10	7.54	37
10	8.86	.958	11.09	7.33	37
20	8.69	.978	10.72	6.68	37
30	8.46	.898	10.16	6.43	37
50	7.89	.793	9.40	6.36	37
75	7.44	.715	8.69	6.13	37
100	7.05	.537	8.22	6.03	37
125	6.79	.427	8.02	6.05	37
150	6.70	.401	7.79	6.05	37
175	6.53	.369	7.60	5.82	37
200	6.30	.383	7.39	5.50	37
225	6.01	.403	7.28	5.28	37
250	5.73	.424	7.20	4.96	37
300	5.23	.449	6.98	4.47	37
400	4.63	.385	6.16	4.03	37
500	4.28	.374	5.29	3.83	36
600	3.97	.191	4.65	3.70	36
700	3.75	.139	4.10	3.53	36
800	3.55	.125	3.78	3.32	36
900	3.37	.116	3.66	3.20	36
1000	3.16	.096	3.39	2.99	36
1200	2.78	.077	2.98	2.61	34
1500	2.30	.058	2.44	2.19	23
2000	1.80	.015	1.82	1.79	3
2500	1.56	.000	1.56	1.56	2

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
280.2	19.85	334.1	248.7	37
278.1	18.74	319.7	247.9	37
274.7	17.21	313.6	241.4	37
270.7	14.72	299.2	237.6	37
258.5	14.07	279.8	241.1	37
244.5	18.54	275.2	175.9	37
218.1	18.87	248.5	168.2	37
183.8	14.45	214.9	151.4	37
160.9	9.46	187.9	145.1	37
147.8	5.60	161.9	136.6	37
140.4	4.07	150.9	133.0	37
135.7	3.77	146.5	128.6	37
131.6	3.77	144.9	125.1	37
124.3	4.08	140.8	115.6	37
112.3	3.98	127.6	104.1	37
102.3	3.56	116.3	95.7	36
93.5	3.30	105.1	87.1	36
86.1	2.93	94.3	81.5	36
79.6	2.52	85.6	74.3	36
73.8	2.01	79.3	71.0	36
68.7	1.79	73.9	65.6	36
60.8	1.42	65.0	58.3	34
51.6	1.40	55.8	49.9	23
41.9	.51	42.3	41.3	3
37.2	.35	37.4	36.9	2

STATION MP12 M A Y 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	37
10	.280	.0191	.330	.250	37
20	.558	.0371	.640	.500	37
30	.831	.0521	.950	.740	37
50	1.364	.0744	1.520	1.220	37
75	1.997	.0979	2.210	1.810	37
100	2.578	.1210	2.820	2.350	37
125	3.084	.1405	3.330	2.770	37
150	3.517	.1567	3.790	3.180	37
175	3.908	.1696	4.240	3.540	37
200	4.274	.1775	4.640	3.880	37
225	4.628	.1808	5.010	4.220	37
250	4.968	.1854	5.370	4.540	37
300	5.622	.1927	6.060	5.170	37
400	6.845	.2110	7.310	6.370	37
500	7.963	.2362	8.460	7.470	36
600	8.992	.2569	9.500	8.480	36
700	9.948	.2773	10.470	9.390	36
800	10.842	.2972	11.370	10.240	36
900	11.680	.3148	12.250	11.040	36
1000	12.466	.3309	13.100	11.820	34
1200	13.893	.3512	14.660	13.210	23
1500	15.812	.4145	16.700	15.090	3
2000	18.673	.1457	18.810	18.520	2
2500	21.100	.1556	21.210	20.990	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	37
.01	.004	.02	.01	37
.06	.005	.07	.05	37
.13	.008	.14	.11	37
.34	.017	.38	.31	37
.75	.040	.83	.66	37
1.26	.071	1.37	1.04	37
1.85	.108	2.02	1.52	37
2.45	.139	2.72	2.09	37
3.10	.162	3.46	2.69	37
3.80	.176	4.22	3.35	37
4.56	.187	5.03	4.08	37
5.39	.199	5.90	4.86	37
7.23	.230	7.83	6.63	37
11.58	.336	12.30	10.88	37
16.69	.497	18.16	15.77	36
22.46	.675	24.71	21.17	36
28.79	.861	31.70	27.18	36
35.62	1.053	39.02	33.65	36
42.87	1.241	46.73	40.49	36
50.50	1.426	54.89	47.76	36
66.57	1.791	70.92	63.24	34
93.14	2.330	98.97	89.08	23
142.17	.670	142.68	141.41	3
199.23	1.513	200.30	198.16	2

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.09	.225	7.39	6.86	4
10	7.13	.219	7.33	6.87	4
20	7.15	.201	7.38	6.91	4
30	7.19	.302	7.65	6.93	4
50	7.11	.184	7.31	6.90	4
75	6.80	.145	6.98	6.65	4
100	6.03	.260	6.34	5.72	4
125	5.10	.401	5.54	4.75	4
150	4.46	.440	4.85	3.92	4
175	4.07	.373	4.47	3.58	4
200	3.85	.418	4.21	3.37	4
225	3.49	.458	3.89	2.84	4
250	3.14	.492	3.59	2.62	4
300	2.51	.402	2.85	2.03	4
400	1.52	.186	1.73	1.34	4
500	1.01	.130	1.19	.90	4
600	.82	.159	1.05	.71	4
700	.59	.153	.74	.42	4
800	.46	.142	.63	.33	4
900	.42	.102	.51	.33	4
1000	.41	.087	.51	.33	4
1200	.51	.097	.62	.41	4
1500	.86	.066	.94	.80	4
2000	1.44	n/a	n/a	n/a	1
2500	1.99	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1483	3.8	1491	1478	37
1483	3.6	1491	1477	37
1483	3.6	1490	1475	37
1482	3.4	1488	1474	37
1480	3.2	1486	1474	37
1479	2.8	1484	1474	37
1478	2.3	1484	1474	37
1478	2.0	1484	1475	37
1479	1.7	1483	1476	37
1479	1.5	1483	1476	37
1478	1.6	1483	1475	37
1477	1.7	1483	1474	37
1477	1.8	1483	1473	37
1476	1.9	1483	1472	37
1475	1.9	1481	1472	37
1475	1.2	1479	1473	36
1476	.8	1478	1474	36
1476	.6	1478	1475	36
1477	.5	1478	1476	36
1478	.5	1480	1478	36
1479	.4	1480	1478	34
1481	.4	1482	1480	23
1484	.3	1485	1484	3
1490	.6	1491	1490	2
1498	.0	1498	1498	2

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.467	.3313	13.096	11.817	36
10	12.187	.3249	12.822	11.569	36
20	11.911	.3188	12.548	11.285	36
30	11.638	.3115	12.273	11.019	36
50	11.105	.3987	11.718	10.502	36
75	10.471	.5886	11.136	9.943	36
100	9.889	.5922	10.703	9.428	36
125	9.381	.5759	10.285	8.905	36
150	8.948	.5672	9.879	8.460	36
175	8.557	.5573	9.482	8.073	36
200	8.191	.5487	9.095	7.714	36
225	7.839	.5408	8.717	7.369	36
250	7.497	.5321	8.343	7.037	36
300	6.840	.5229	7.694	6.417	36
400	5.621	.1715	6.200	5.296	36
500	4.504	.1334	4.917	4.259	36
600	3.474	.1006	3.747	3.295	36
700	2.519	.0711	2.692	2.387	36
800	1.625	.0438	1.738	1.540	36
900	.787	.0208	.843	.751	36
1000	.000	.0000	.000	.000	36
1200	-1.446	.0360	-1.381	-1.565	34
1500	-3.384	.0799	-3.262	-3.807	23
2000	-6.150	.0141	-6.135	-6.163	3
2500	-8.648	.0538	-8.610	-8.686	2

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.02	1.186	14.70	10.20	19
10	11.77	.903	12.90	9.99	19
20	11.48	.884	12.84	9.71	19
30	10.72	.969	12.78	8.95	19
50	8.65	.861	10.01	6.95	19
75	7.69	.738	9.10	6.38	19
100	7.17	.591	8.55	6.46	19
125	6.83	.371	7.40	6.34	19
150	6.71	.347	7.34	6.16	19
175	6.55	.358	7.21	5.97	19
200	6.34	.350	6.92	5.67	19
225	6.07	.330	6.65	5.46	19
250	5.77	.310	6.41	5.17	19
300	5.23	.291	5.83	4.68	19
400	4.59	.227	5.22	4.25	17
500	4.30	.215	4.83	4.00	17
600	4.04	.153	4.32	3.76	17
700	3.82	.126	4.04	3.61	17
800	3.58	.099	3.87	3.45	17
900	3.41	.099	3.65	3.26	17
1000	3.25	.068	3.41	3.15	17
1200	2.87	.069	2.99	2.74	17
1500	2.41	.054	2.50	2.35	14
2000	1.97	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

SALINITY

PRESS	MEAN	S.D.	MAX	MIN	N
0	32.382	.1775	32.580	31.945	19
10	32.407	.1604	32.590	31.941	19
20	32.422	.1490	32.590	31.945	19
30	32.463	.1512	32.630	31.997	19
50	32.549	.0810	32.777	32.445	19
75	32.631	.0878	32.790	32.480	19
100	32.865	.1800	33.202	32.574	19
125	33.268	.1473	33.514	33.041	19
150	33.605	.0871	33.740	33.422	19
175	33.779	.0607	33.879	33.627	19
200	33.852	.0491	33.950	33.761	19
225	33.874	.0386	33.940	33.814	19
250	33.885	.0361	33.940	33.820	19
300	33.901	.0349	33.950	33.820	19
400	33.979	.0360	34.057	33.906	17
500	34.067	.0329	34.110	34.009	17
600	34.163	.0458	34.325	34.110	17
700	34.230	.0383	34.337	34.159	17
800	34.286	.0269	34.347	34.244	17
900	34.336	.0221	34.373	34.290	17
1000	34.380	.0219	34.410	34.337	17
1200	34.444	.0207	34.485	34.404	17
1500	34.510	.0215	34.567	34.471	14
2000	34.600	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.571	.2912	24.919	23.784	19
10	24.640	.2091	24.945	24.296	19
20	24.705	.1985	24.982	24.301	19
30	24.869	.2144	25.139	24.361	19
50	25.274	.1319	25.476	25.029	19
75	25.480	.1298	25.727	25.154	19
100	25.736	.1835	26.085	25.313	19
125	26.101	.1367	26.329	25.923	19
150	26.382	.0899	26.512	26.189	19
175	26.540	.0673	26.634	26.360	19
200	26.625	.0478	26.694	26.502	19
225	26.678	.0408	26.741	26.578	19
250	26.723	.0374	26.790	26.652	19
300	26.801	.0336	26.864	26.719	19
400	26.934	.0301	26.983	26.868	17
500	27.036	.0271	27.079	26.962	17
600	27.140	.0410	27.268	27.071	17
700	27.215	.0336	27.303	27.136	17
800	27.283	.0250	27.333	27.235	17
900	27.340	.0258	27.376	27.290	17
1000	27.390	.0207	27.415	27.341	17
1200	27.476	.0196	27.520	27.445	17
1500	27.568	.0191	27.618	27.543	14
2000	27.676	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

SVA

PRESS	MEAN	S.D.	MAX	MIN	N
0	337.5	27.75	412.5	304.3	19
10	331.2	19.93	364.0	302.0	19
20	325.5	18.94	363.7	298.7	19
30	309.9	20.47	358.2	284.0	19
50	277.4	15.59	304.8	252.1	19
75	252.1	14.35	283.3	228.5	19
100	227.9	17.47	268.5	194.8	19
125	193.7	13.02	210.8	172.0	19
150	167.4	8.61	185.8	154.9	19
175	152.8	6.47	169.9	143.6	19
200	144.3	4.64	156.8	136.2	19
225	140.3	3.97	150.1	130.8	19
250	136.0	3.66	144.9	129.4	19
300	128.9	3.29	137.0	122.7	19
400	116.8	2.94	123.7	112.4	17
500	107.8	2.69	115.2	103.6	17
600	98.6	2.93	105.5	86.6	17
700	92.1	3.26	99.9	83.8	17
800	86.1	3.55	92.0	81.4	17
900	81.2	3.58	86.4	77.7	17
1000	76.8	2.06	81.8	74.4	17
1200	69.1	1.90	71.9	64.6	17
1500	60.7	1.86	62.8	55.9	14
2000	51.1	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.02	1.186	14.70	10.20	19
10	11.77	.903	12.90	9.99	19
20	11.48	.884	12.84	9.71	19
30	10.72	.969	12.78	8.95	19
50	8.65	.861	10.01	6.95	19
75	7.69	.738	9.10	6.38	19
100	7.16	.591	8.54	6.45	19
125	6.82	.371	7.39	6.33	19
150	6.70	.347	7.33	6.15	19
175	6.53	.357	7.19	5.95	19
200	6.32	.351	6.91	5.65	19
225	6.05	.329	6.63	5.44	19
250	5.75	.310	6.39	5.15	19
300	5.20	.291	5.81	4.65	19
400	4.56	.227	5.19	4.22	17
500	4.26	.215	4.59	3.96	17
600	3.99	.154	4.27	3.71	17
700	3.77	.125	3.99	3.56	17
800	3.52	.098	3.81	3.39	17
900	3.35	.101	3.59	3.19	17
1000	3.18	.066	3.33	3.08	17
1200	2.78	.068	2.91	2.66	17
1500	2.31	.054	2.40	2.25	14
2000	1.83	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

SVA (THETA)

PRESS	MEAN	S.D.	MAX	MIN	N
0	337.5	27.75	412.5	304.3	19
10	330.9	19.92	363.7	301.8	19
20	324.7	18.91	363.2	298.3	19
30	309.1	20.42	357.8	283.4	19
50	276.5	15.55	303.8	251.3	19
75	250.9	14.26	281.9	227.5	19
100	226.4	17.41	266.0	193.4	19
125	191.9	13.00	208.8	170.8	19
150	165.1	8.53	183.5	152.8	19
175	150.2	6.39	167.2	141.5	19
200	142.0	4.53	153.9	135.5	19
225	138.2	3.85	146.7	131.0	19
250	134.2	3.53	139.4	126.4	19
300	126.3	3.16	133.0	119.3	19
400	113.6	2.86	118.9	108.0	17
500	103.8	2.58	109.9	98.8	17
600	93.0	2.90	99.5	88.8	17
700	85.8	3.20	93.3	77.4	17
800	79.3	3.46	84.7	74.6	17
900	73.9	2.15	78.6	70.5	17
1000	69.1	1.96	73.6	66.7	17
1200	60.9	1.81	63.8	56.7	17
1500	52.1	1.80	54.5	47.3	14
2000	41.6	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

STATION MP12 J U N E 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	19
10	.337	.0226	.380	.310	19
20	.665	.0406	.730	.610	19
30	.983	.0573	1.100	.900	19
50	1.564	.0724	1.730	1.450	19
75	2.215	.0890	2.410	2.070	19
100	2.813	.1131	3.090	2.650	19
125	3.339	.1401	3.690	3.140	19
150	3.788	.1623	4.170	3.560	19
175	4.186	.1753	4.580	3.940	19
200	4.557	.1843	4.950	4.300	19
225	4.913	.1892	5.300	4.650	19
250	5.259	.1945	5.640	4.980	19
300	5.919	.2058	6.290	5.610	19
400	7.183	.2016	7.540	6.850	17
500	8.305	.2103	8.690	7.950	17
600	9.336	.2356	9.750	8.960	17
700	10.290	.2521	10.740	9.900	17
800	11.181	.2702	11.660	10.770	17
900	12.016	.2854	12.550	11.600	17
1000	12.806	.2982	13.380	12.380	17
1200	14.262	.3255	14.920	13.800	17
1500	16.264	.3702	16.910	15.580	14
2000	18.800	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	19
.02	.000	.02	.02	19
.07	.006	.08	.06	19
.15	.008	.17	.14	19
.39	.020	.43	.36	19
.80	.034	.88	.75	19
1.33	.061	1.49	1.23	19
1.94	.096	2.16	1.75	19
2.56	.131	2.84	2.32	19
3.22	.155	3.52	2.94	19
3.93	.173	4.35	3.62	19
4.70	.189	5.08	4.37	19
5.54	.205	6.07	5.19	19
7.39	.245	7.89	7.01	19
11.81	.290	12.38	11.37	17
16.95	.390	17.78	16.42	17
22.73	.516	23.97	22.11	17
29.04	.691	30.75	28.21	17
35.84	.891	38.11	34.53	17
43.09	1.074	45.83	41.50	17
50.73	1.245	53.94	49.14	17
67.03	1.606	71.16	64.67	17
93.91	2.362	98.48	89.20	14
142.00	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.69	n/a	n/a	n/a	1
10	6.98	n/a	n/a	n/a	1
20	6.99	n/a	n/a	n/a	1
30	7.04	n/a	n/a	n/a	1
50	7.17	n/a	n/a	n/a	1
75	6.57	n/a	n/a	n/a	1
100	5.50	n/a	n/a	n/a	1
125	4.72	n/a	n/a	n/a	1
150	4.30	n/a	n/a	n/a	1
175	4.06	n/a	n/a	n/a	1
200	3.80	n/a	n/a	n/a	1
225	3.49	n/a	n/a	n/a	1
250	3.23	n/a	n/a	n/a	1
300	2.95	n/a	n/a	n/a	1
400	1.66	n/a	n/a	n/a	1
500	1.19	n/a	n/a	n/a	1
600	.70	n/a	n/a	n/a	1
700	.55	n/a	n/a	n/a	1
800	.45	n/a	n/a	n/a	1
900	.44	n/a	n/a	n/a	1
1000	.44	n/a	n/a	n/a	1
1200	.52	n/a	n/a	n/a	1
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1494	4.1	1503	1488	19
1494	3.3	1498	1487	19
1493	3.1	1497	1486	19
1490	3.3	1497	1484	19
1483	3.4	1488	1476	19
1480	2.8	1485	1475	19
1478	2.2	1483	1476	19
1478	1.4	1480	1476	19
1478	1.5	1481	1476	19
1478	1.5	1481	1476	19
1478	1.6	1481	1475	19
1478	1.5	1480	1475	19
1477	1.3	1479	1474	19
1475	1.3	1478	1473	19
1474	1.1	1477	1473	19
1475	.9	1476	1474	17
1476	.8	1477	1474	17
1477	.5	1477	1476	17
1477	.4	1478	1477	17
1478	.4	1479	1478	17
1479	.3	1480	1479	17
1481	.4	1482	1480	17
1484	.0	1484	1484	14
1491	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.806	.2994	13.384	12.376	17
10	12.470	.2956	13.052	12.062	17
20	12.140	.2916	12.729	11.755	17
30	11.820	.2836	12.410	11.438	17
50	11.217	.2687	11.806	10.826	17
75	10.581	.2551	11.131	10.247	17
100	9.979	.2371	10.539	9.703	17
125	9.447	.2225	10.017	9.190	17
150	8.993	.2129	9.562	8.749	17
175	8.592	.2045	9.149	8.358	17
200	8.219	.1980	8.757	7.988	17
225	7.862	.1931	8.383	7.628	17
250	7.515	.1870	8.031	7.291	17
300	6.851	.1773	7.324	6.583	17
400	5.623	.1489	6.012	5.372	17
500	4.501	.1269	4.823	4.254	17
600	3.470	.1012	3.719	3.274	17
700	2.516	.0698	2.693	2.414	17
800	1.626	.0429	1.729	1.558	17
900	.790	.0212	.839	.760	17
1000	.000	.0000	.000	.000	17
1200	-1.454	.0399	-1.387	-1.537	17
1500	-3.400	.0974	-3.174	-3.557	14
2000	-6.115	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.38	1.182	15.58	11.80	13
10	13.19	1.244	15.58	11.80	13
20	12.66	1.467	15.54	10.70	13
30	11.32	1.462	14.54	9.65	13
50	8.80	.893	10.31	6.85	13
75	7.79	.611	8.53	6.39	13
100	7.34	.501	8.18	6.46	13
125	7.08	.497	8.24	6.42	13
150	6.88	.504	8.14	6.25	13
175	6.65	.488	7.86	6.01	13
200	6.38	.520	7.69	5.68	13
225	6.14	.516	7.45	5.40	13
250	5.88	.481	7.06	5.17	13
300	5.47	.448	6.56	4.81	13
400	4.79	.355	5.54	4.19	13
500	4.41	.251	4.79	4.05	13
600	4.11	.177	4.37	3.85	13
700	3.86	.133	4.05	3.64	13
800	3.62	.106	3.82	3.50	13
900	3.43	.083	3.54	3.32	13
1000	3.24	.065	3.34	3.15	13
1200	2.86	.035	2.91	2.80	10
1400	2.56	.031	2.61	2.52	7
1500	2.40	.031	2.44	2.35	7
2000	1.89	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

SALINITY

PRESS	MEAN	S.D.	MAX	MIN	N
0	32.373	.1510	32.550	32.156	13
10	32.370	.1478	32.553	32.160	13
20	32.416	.1205	32.561	32.165	13
30	32.454	.1144	32.640	32.264	13
50	32.556	.0810	32.699	32.428	13
75	32.727	.1434	33.012	32.541	13
100	33.035	.2910	33.514	32.645	13
125	33.484	.1688	33.768	33.173	13
150	33.730	.0858	33.838	33.513	13
175	33.821	.0435	33.878	33.720	13
200	33.875	.0292	33.916	33.815	13
225	33.896	.0281	33.936	33.829	13
250	33.913	.0323	33.962	33.857	13
300	33.942	.0376	33.986	33.878	13
400	33.991	.0430	34.054	33.938	13
500	34.027	.0388	34.139	34.013	13
600	34.155	.0302	34.201	34.103	13
700	34.241	.0233	34.248	34.179	13
800	34.278	.0228	34.304	34.236	13
900	34.332	.0178	34.354	34.296	13
1000	34.374	.0160	34.395	34.339	13
1200	34.436	.0114	34.457	34.418	10
1400	34.500	.0191	34.518	34.460	7
1500	34.600	n/a	n/a	n/a	1
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.302	.2224	24.684	23.980	13
10	24.319	.2192	24.685	23.981	13
20	24.373	.2145	24.892	23.999	13
30	24.751	.2649	25.158	24.276	13
50	25.257	.1423	25.480	24.964	13
75	25.542	.1447	25.741	25.365	13
100	25.848	.2215	26.180	25.541	13
125	26.215	.1046	26.405	26.053	13
150	26.456	.0773	26.564	26.333	13
175	26.559	.0608	26.650	26.433	13
200	26.636	.0610	26.729	26.488	13
225	26.684	.0599	26.760	26.582	13
250	26.730	.0528	26.789	26.584	13
300	26.803	.0463	26.853	26.669	13
400	26.933	.0417	26.980	26.813	13
500	27.035	.0343	27.067	26.940	13
600	27.135	.0268	27.158	27.057	13
700	27.204	.0218	27.234	27.153	13
800	27.273	.0212	27.302	27.235	13
900	27.335	.0189	27.362	27.295	13
1000	27.386	.0170	27.414	27.349	13
1200	27.470	.0092	27.483	27.457	10
1400	27.561	.0128	27.574	27.534	7
1500	27.602	n/a	n/a	n/a	1
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0

SVA

PRESS	MEAN	S.D.	MAX	MIN	N
0	363.2	21.20	393.8	326.7	13
10	360.1	20.90	394.0	326.9	13
20	347.3	20.21	392.5	306.6	13
30	321.0	15.30	368.5	282.5	13
50	273.9	13.61	301.1	251.8	13
75	246.2	13.81	283.2	227.5	13
100	217.4	21.02	246.2	185.9	13
125	181.1	9.90	198.2	164.2	13
150	160.4	7.43	172.0	150.2	13
175	151.0	5.90	163.4	142.5	13
200	143.9	5.98	159.2	134.9	13
225	139.6	5.92	155.2	132.1	13
250	135.4	5.84	149.3	128.6	13
300	128.8	4.66	142.3	121.9	13
400	118.2	4.15	129.1	113.5	13
500	108.4	3.40	117.5	105.0	13
600	100.1	2.66	106.9	96.9	13
700	93.1	2.12	98.3	90.3	13
800	87.1	1.97	91.3	84.3	13
900	81.7	1.91	85.6	78.8	13
1000	77.2	1.74	80.2	74.5	13
1200	69.6	1.81	73.0	68.2	10
1400	63.3	1.14	65.6	60.2	7
1500	60.1	n/a	n/a	n/a	1
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.38	1.182	15.58	11.80	13
10	13.19	1.244	15.58	11.80	13
20	12.66	1.469	15.54	10.69	13
30	11.32	1.463	14.54	9.65	13
50	8.78	.890	10.30	6.85	13
75	7.78	.612	8.53	6.39	13
100	7.33	.501	8.17	6.45	13
125	7.07	.497	8.23	6.46	13
150	6.87	.502	8.12	6.24	13
175	6.63	.488	7.85	5.99	13
200	6.36	.519	7.67	5.66	13
225	6.12	.516	7.43	5.38	13
250	5.86	.481	7.04	5.15	13
300	5.45	.445	6.53	4.79	13
400	4.76	.352	5.51	4.17	13
500	4.37	.251	4.78	4.01	13
600	4.07	.176	4.33	3.81	13
700	3.80	.134	4.00	3.59	13
800	3.56	.107	3.76	3.44	13
900	3.36	.085	3.48	3.25	13
1000	3.17	.066	3.27	3.05	13
1200	2.77	.035	2.82	2.72	10
1400	2.50	.033	2.54	2.24	7
1500	1.75	n/a	n/a	n/a	1
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0

SVA (THETA)

PRESS	MEAN	S.D.	MAX	MIN	N
0	363.2	21.20	393.8	326.7	13
10	359.8	20.88	393.7	326.7	13
20	346.8	20.15	391.9	306.4	13
30	321.1	15.22	368.5	281.6	13
50	273.1	13.55	300.1	250.9	13
75	245.0	13.56	281.9	226.6	13
100	217.9	21.05	245.9	184.1	13
125	179.1	9.84	196.4	162.9	13
150	158.1	7.31	169.8	147.9	13
175	148.3	5.74	160.3	139.7	13
200	140.9	5.76	155.7	131.2	13
225	136.4	5.68	151.8	129.2	13
250	132.0	4.99	145.9	125.8	13
300	125.6	4.57	139.2	119.2	13
400	115.2	3.94	124.8	110.0	13
500	105.7	3.22	112.8	99.2	13
600	97.6	2.53	100.8	91.1	13
700	90.8	2.06	91.7	84.6	13
800	85.0	1.99	84.6	77.6	13
900	79.7	1.99	78.1	71.8	13
1000	75.3	1.84	73.9	66.2	13
1200	67.7	1.84	69.3	60.2	10
1400	61.8	1.27	63.7	58.3	7
1500	58.6	n/a	n/a	n/a	1
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	13
10	.365	.0215	.400	.330	13
20	.718	.0436	.800	.650	13
50	1.053	.0686	1.170	.970	13
50	1.645	.0898	1.780	1.510	13
75	2.294	.0958	2.430	2.120	13
100	2.873	.1202	3.070	2.660	13
125	3.363	.1548	3.620	3.130	13
150	3.788	.1693	4.060	3.550	13
175	4.177	.1781	4.400	3.940	13
200	4.545	.1827	4.830	4.300	13
225	4.897	.1880	5.190	4.640	13
250	5.241	.1914	5.530	4.980	12
300	5.902	.2030	6.190	5.620	13
400	7.179	.2310	7.420	6.850	13
500	8.268	.2550	8.640	7.910	13
600	9.309	.2746	9.760	8.910	13
700	10.274	.2919	10.790	9.850	13
800	11.176	.3067	11.740	10.720	13
900	12.020	.3215	12.630	11.540	13
1000	12.813	.3349	13.460	12.300	13
1200	14.304	.3009	14.640	13.730	10
1500	16.006	.3107	16.480	15.650	7
2000	18.420	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	13
.02	.000	.02	.02	13
.09	.002	.08	.07	13
.16	.013	.18	.14	13
.40	.043	.43	.36	13
.81	.031	.86	.75	13
1.33	.065	1.42	1.23	13
1.89	.106	2.04	1.75	13
2.48	.128	2.69	2.30	13
3.12	.145	3.36	2.91	13
3.81	.153	4.05	3.57	13
4.59	.175	4.83	4.29	13
5.42	.193	5.66	5.06	13
7.28	.241	7.70	6.86	13
11.67	.375	12.50	11.05	12
16.86	.529	18.13	16.05	13
22.78	.679	24.40	21.70	13
28.08	.838	31.21	27.90	13
33.08	.985	36.48	32.56	13
38.06	1.108	41.20	36.85	13
43.29	1.138	46.17	41.85	13
50.96	1.297	54.17	49.03	13
66.98	1.069	68.33	64.98	10
93.05	1.399	95.39	91.46	7
140.67	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.42	.134	6.51	6.32	2
10	6.43	.134	6.51	6.35	5
20	6.53	.021	6.54	6.51	5
50	6.76	.350	6.96	6.55	5
50	6.79	.335	6.95	6.55	5
75	6.84	.337	6.95	6.50	5
100	6.83	.707	8.13	5.10	5
125	4.85	.615	5.38	4.51	5
150	4.39	.515	4.82	3.95	5
175	4.06	.778	4.61	3.51	5
200	3.67	.721	4.18	3.16	5
225	3.18	.552	3.68	2.74	5
250	2.78	.585	3.08	2.37	5
300	1.98	.995	2.96	1.05	5
400	1.30	.233	1.46	1.13	5
500	.74	.057	.78	.70	5
600	.54	.099	.61	.47	5
700	.44	.015	.46	.41	5
800	.39	.035	.43	.37	5
900	.40	.099	.49	.33	5
1000	.41	.148	.57	.31	5
1200	.49	.042	.53	.46	5
1500	.81	.028	.83	.79	5
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1499	4.0	1506	1494	13
1498	4.1	1506	1494	13
1497	4.9	1506	1490	13
1492	5.1	1504	1486	13
1484	5.4	1489	1476	13
1480	5.3	1483	1475	13
1479	5.1	1483	1475	13
1479	2.1	1484	1477	13
1479	1.9	1484	1477	13
1479	2.0	1484	1476	13
1478	2.2	1484	1475	13
1478	2.0	1483	1475	13
1477	2.1	1485	1474	13
1477	2.9	1481	1474	13
1475	1.4	1478	1473	13
1475	1.1	1477	1474	13
1476	.8	1477	1475	13
1477	.5	1477	1476	13
1478	.5	1478	1477	13
1479	.5	1479	1478	13
1479	.4	1480	1479	13
1481	.0	1481	1481	10
1484	.0	1484	1484	1
1490	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.813	.3340	13.458	12.303	13
10	12.448	.3258	13.095	11.944	13
20	12.091	.3191	12.738	11.582	13
50	11.754	.3115	12.406	11.220	13
50	11.165	.2960	11.798	10.858	13
75	10.651	.2858	11.299	10.410	13
100	10.245	.2598	10.870	9.904	13
125	9.949	.2537	10.535	9.628	13
150	9.732	.2431	10.342	9.468	13
175	9.577	.2369	10.206	9.357	13
200	9.469	.2369	10.093	9.257	13
225	9.375	.2318	9.989	9.154	13
250	9.315	.2288	9.938	9.096	13
300	9.311	.1848	9.856	9.065	13
400	9.377	.1459	9.849	9.227	13
500	9.545	.1196	9.819	9.327	13
600	9.783	.0827	9.899	9.688	13
700	10.039	.0587	10.071	9.952	13
800	10.297	.0386	10.329	10.248	13
900	10.552	.0191	10.582	10.515	13
1000	10.808	.0000	10.808	10.808	13
1200	11.458	.0211	11.493	11.423	10
1500	13.427	.0470	13.480	13.350	7
2000	16.118	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	15.53	.840	17.35	13.87	27
10	15.17	1.136	17.34	11.50	27
20	14.39	1.603	17.00	9.13	27
30	12.81	1.722	15.91	7.97	27
50	9.30	1.218	12.47	7.11	27
75	7.82	.738	9.26	6.62	27
100	7.34	.552	8.66	6.46	27
125	7.04	.335	7.94	6.44	27
150	6.78	.337	7.81	6.22	27
175	6.56	.381	7.66	5.87	27
200	6.34	.365	7.48	5.74	27
225	6.08	.387	7.28	5.42	27
250	5.80	.380	7.02	5.17	27
300	5.34	.323	6.43	4.84	27
400	4.73	.334	5.58	4.18	27
500	4.38	.236	4.94	3.99	27
600	4.12	.189	4.53	3.77	27
700	3.89	.144	4.15	3.58	26
800	3.69	.116	3.85	3.50	26
900	3.47	.096	3.67	3.30	26
1000	3.26	.086	3.50	3.15	26
1200	2.88	.064	3.08	2.75	25
1500	2.41	.043	2.51	2.35	18
2000	1.96	.035	2.01	1.93	4
2500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.281	.2137	32.603	31.748	27
32.293	.2096	32.590	31.756	27
32.334	.1672	32.624	32.019	27
32.378	.1561	32.656	32.094	27
32.501	.1005	32.670	32.300	27
32.629	.0723	32.748	32.469	27
32.879	.1947	33.175	32.517	27
33.241	.2604	33.574	32.694	27
33.578	.1857	33.790	33.128	27
33.757	.0812	33.873	33.530	27
33.835	.0432	33.901	33.693	27
33.863	.0354	33.917	33.766	27
33.885	.0377	33.956	33.800	27
33.917	.0369	33.996	33.857	27
33.990	.0330	34.040	33.931	27
34.073	.0350	34.125	34.005	27
34.153	.0434	34.213	34.023	27
34.229	.0325	34.275	34.155	26
34.291	.0278	34.340	34.243	26
34.338	.0245	34.377	34.307	26
34.378	.0253	34.438	34.342	26
34.451	.0304	34.546	34.399	25
34.517	.0207	34.560	34.472	18
34.577	.0322	34.607	34.538	4
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.784	.2728	24.131	23.243	27
10	23.867	.3153	24.610	23.250	27
20	24.061	.3774	25.065	23.424	27
30	24.412	.4012	25.239	23.560	27
50	25.133	.2369	25.461	24.511	27
75	25.459	.1367	25.644	25.184	27
100	25.725	.1974	25.974	25.318	27
125	26.051	.2096	26.346	25.551	27
150	26.351	.1425	26.586	26.007	27
175	26.521	.0711	26.668	26.373	27
200	26.611	.0500	26.707	26.498	27
225	26.667	.0479	26.753	26.548	27
250	26.719	.0406	26.799	26.616	27
300	26.799	.0293	26.844	26.727	27
400	26.928	.0370	26.992	26.826	27
500	27.032	.0280	27.071	26.946	27
600	27.123	.0309	27.161	27.046	27
700	27.206	.0216	27.242	27.161	26
800	27.277	.0204	27.319	27.235	26
900	27.336	.0184	27.372	27.297	26
1000	27.387	.0207	27.430	27.345	26
1200	27.481	.0238	27.551	27.441	25
1500	27.574	.0176	27.609	27.539	18
2000	27.657	.0283	27.682	27.622	4
2500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
412.5	26.03	464.1	379.4	27
404.9	30.08	463.8	334.0	27
386.6	36.01	447.5	290.9	27
353.4	38.32	434.8	274.3	27
284.9	22.64	344.3	253.5	27
254.1	13.10	280.4	236.4	27
229.1	18.80	268.0	205.4	27
198.5	19.88	246.1	170.5	27
170.3	13.51	202.9	147.9	27
154.6	6.80	168.4	140.3	27
146.2	4.84	157.5	136.9	27
141.2	4.70	153.0	132.7	27
136.4	4.00	146.8	128.5	27
129.1	2.91	136.7	124.6	27
117.5	3.72	127.9	111.2	27
108.3	2.79	117.1	104.4	27
100.4	2.95	108.0	96.5	27
93.0	2.04	97.5	89.4	26
86.9	1.94	91.1	82.8	26
81.7	1.78	85.7	78.1	26
77.1	2.00	81.6	73.3	26
68.7	2.22	72.3	62.3	25
60.1	1.66	63.3	56.8	18
52.7	2.75	56.2	50.4	4
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	15.53	.840	17.35	13.87	27
10	15.17	1.135	17.34	11.50	27
20	14.39	1.603	17.00	9.13	27
30	12.81	1.723	15.91	7.97	27
50	9.29	1.217	12.46	7.11	27
75	7.82	.737	9.25	6.61	27
100	7.33	.552	8.65	6.45	27
125	7.03	.335	7.93	6.43	27
150	6.77	.335	7.79	6.21	27
175	6.55	.382	7.65	5.85	27
200	6.32	.365	7.46	5.72	27
225	6.06	.387	7.26	5.41	27
250	5.78	.380	7.00	5.15	27
300	5.32	.323	6.41	4.82	27
400	4.70	.333	5.55	4.15	27
500	4.34	.234	4.90	3.95	27
600	4.08	.188	4.48	3.72	27
700	3.84	.143	4.10	3.53	26
800	3.63	.116	3.79	3.45	26
900	3.40	.095	3.60	3.24	26
1000	3.19	.085	3.42	3.08	26
1200	2.79	.063	2.99	2.66	25
1500	2.30	.041	2.41	2.25	18
2000	1.82	.039	1.88	1.79	4
2500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
412.5	26.03	464.1	379.4	27
404.6	30.07	463.5	333.8	27
386.1	35.97	446.9	290.5	27
352.7	38.23	433.9	273.9	27
283.9	22.53	343.1	252.7	27
252.8	13.00	279.1	235.3	27
227.6	18.75	266.2	203.9	27
196.6	19.91	244.1	168.6	27
168.1	13.54	200.8	145.7	27
151.9	6.74	166.0	138.0	27
143.3	4.73	154.0	134.2	27
138.1	4.54	149.3	129.9	27
133.0	3.84	142.8	125.6	27
125.5	2.77	132.3	121.3	27
113.2	3.48	122.8	107.1	27
103.2	2.65	111.4	99.6	27
94.6	2.93	101.9	91.0	27
86.6	2.04	90.9	83.3	26
79.9	1.92	83.8	75.9	26
74.3	1.76	77.9	70.8	26
69.3	1.98	73.3	65.3	26
60.4	2.26	64.2	53.7	25
51.5	1.66	54.8	48.1	18
43.4	2.69	46.7	41.0	4
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	27
10	.410	.0250	.460	.380	27
20	.810	.0570	.920	.690	27
30	1.182	.0923	1.360	.970	27
50	1.817	.1443	2.140	1.500	27
75	2.488	.1800	2.910	2.130	27
100	3.092	.2047	3.590	2.690	27
125	3.626	.2369	4.200	3.190	27
150	4.086	.2626	4.750	3.630	27
175	4.490	.2746	5.170	4.030	27
200	4.865	.2808	5.540	4.400	27
225	5.223	.2843	5.890	4.760	27
250	5.570	.2899	6.240	5.110	27
300	6.234	.2980	6.890	5.770	27
400	7.464	.3176	8.120	6.970	27
500	8.592	.3394	9.260	8.060	27
600	9.635	.3551	10.330	9.070	27
700	10.619	.3649	11.330	10.010	26
800	11.519	.3762	12.260	10.900	26
900	12.362	.3890	13.120	11.730	26
1000	13.155	.3999	13.920	12.490	26
1200	14.591	.4267	15.440	13.890	25
1500	16.574	.4940	17.420	15.690	18
2000	19.490	.6345	20.350	18.920	4
2500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	27
.02	.000	.02	.02	27
.08	.006	.09	.07	27
.18	.016	.21	.14	27
.44	.037	.52	.36	27
.86	.060	1.01	.76	27
1.40	.087	1.61	1.26	27
2.01	.134	2.34	1.84	27
2.65	.184	3.11	2.40	27
3.32	.214	3.81	2.99	27
4.04	.233	4.52	3.65	27
4.82	.245	5.29	4.39	27
5.66	.264	6.18	5.18	27
7.52	.299	8.11	6.98	27
11.90	.386	12.53	11.24	27
17.07	.500	18.12	16.24	27
22.92	.625	24.41	21.88	27
29.34	.748	31.14	28.12	26
36.21	.860	38.32	34.88	26
43.51	.991	45.96	41.84	26
51.19	1.148	54.09	49.24	26
67.43	1.515	71.17	65.06	25
93.97	2.356	98.96	89.29	18
144.90	4.597	149.04	139.59	4
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	5.47	.742	6.12	4.80	4
10	5.30	.966	6.12	4.13	4
20	5.61	.823	6.28	4.47	4
30	5.88	1.078	6.74	4.31	4
50	5.87	.913	6.68	4.56	4
75	5.78	.605	6.46	5.06	4
100	5.51	.439	5.98	4.93	4
125	4.59	.275	4.84	4.29	4
150	3.87	.376	4.20	3.40	4
175	3.65	.745	4.36	2.73	4
200	3.18	.652	3.87	2.30	4
225	3.01	.464	3.52	2.40	4
250	2.77	.274	3.05	2.49	4
300	2.28	.209	2.57	2.08	4
400	1.41	.377	1.96	1.14	4
500	.99	.238	1.34	.81	4
600	.70	.123	.86	.59	4
700	.50	.081	.57	.39	4
800	.34	.076	.40	.23	4
900	.32	.080	.38	.21	4
1000	.33	.091	.43	.22	4
1200	.46	.144	.61	.33	4
1500	.72	.129	.81	.57	3
2000	1.30	.283	1.50	1.10	2
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D	MAX	MIN	N
1506	2.6	1511	1500	27
1505	3.7	1511	1492	27
1502	5.4	1511	1484	27
1497	5.8	1507	1480	27
1485	4.5	1497	1477	27
1480	2.8	1486	1476	27
1479	2.1	1484	1476	27
1479	1.4	1483	1476	27
1479	1.4	1483	1477	27
1479	1.6	1483	1476	27
1478	1.6	1483	1476	27
1478	1.5	1482	1475	27
1477	1.6	1482	1474	27
1476	1.4	1480	1474	27
1475	1.5	1479	1473	27
1475	1.1	1478	1474	27
1476	.9	1478	1475	27
1477	.7	1478	1475	26
1478	.5	1478	1477	26
1478	.5	1479	1478	26
1479	.5	1480	1479	26
1481	.3	1482	1480	25
1484	.2	1485	1484	18
1491	.6	1491	1490	4
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.155	.4009	13.924	12.493	26
10	12.743	.3867	13.460	12.114	26
20	12.344	.3698	13.007	11.767	26
30	11.970	.3475	12.564	11.435	26
50	11.333	.3116	11.872	10.859	26
75	10.660	.2814	11.191	10.205	26
100	10.056	.2509	10.600	9.649	26
125	9.520	.2205	10.093	9.170	26
150	9.058	.2011	9.639	8.706	26
175	8.653	.1906	9.217	8.313	26
200	8.277	.1831	8.817	7.956	26
225	7.918	.1760	8.430	7.617	26
250	7.571	.1689	8.054	7.291	26
300	6.906	.1580	7.345	6.661	26
400	5.675	.1310	6.030	5.467	26
500	4.545	.1020	4.802	4.373	26
600	3.501	.0757	3.678	3.364	26
700	2.536	.0538	2.661	2.431	26
800	1.636	.0366	1.721	1.562	26
900	.794	.0189	.840	.760	26
1000	.000	.0000	.000	.000	26
1200	-1.453	.0406	-1.350	-1.525	25
1500	-3.371	.1091	-3.109	-3.549	18
2000	-6.254	.2159	-5.986	-6.435	4
2500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	15.26	1.167	18.40	13.74	23
10	15.22	1.091	17.83	13.63	23
20	15.00	1.149	17.51	12.95	23
30	13.80	1.365	16.26	11.45	23
50	9.36	.886	10.96	7.57	23
75	7.84	.616	8.78	6.81	23
100	7.30	.522	8.19	6.50	23
125	6.97	.398	7.92	6.25	23
150	6.78	.331	7.75	6.29	23
175	6.61	.325	7.65	6.19	23
200	6.38	.340	7.46	5.95	23
225	6.09	.332	7.18	5.74	23
250	5.84	.315	6.89	5.42	23
300	5.34	.293	6.32	4.98	23
400	4.70	.222	5.29	4.37	22
500	4.33	.172	4.63	4.08	22
600	4.07	.132	4.29	3.82	21
700	3.84	.124	4.03	3.64	21
800	3.61	.114	3.85	3.43	21
900	3.41	.083	3.59	3.28	21
1000	3.22	.081	3.43	3.11	21
1200	2.86	.066	3.04	2.77	21
1500	2.40	.030	2.46	2.36	14
2000	1.94	.020	1.96	1.92	5
2500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.324	.1600	32.560	32.093	23
32.328	.1628	32.603	32.058	23
32.340	.1588	32.625	32.084	23
32.400	.1431	32.638	32.100	23
32.562	.1125	32.770	32.364	23
32.667	.1794	33.337	32.510	23
32.854	.2462	33.592	32.510	23
33.246	.2520	33.830	32.786	23
33.597	.1438	33.900	33.360	23
33.779	.0809	33.935	33.640	23
33.846	.0547	33.987	33.750	23
33.874	.0482	34.009	33.789	23
33.891	.0476	34.036	33.798	23
33.915	.0438	34.030	33.825	23
33.989	.0415	34.080	33.893	22
34.080	.0382	34.159	33.985	22
34.160	.0368	34.226	34.082	21
34.230	.0340	34.284	34.171	21
34.287	.0271	34.329	34.225	21
34.339	.0242	34.370	34.278	21
34.381	.0215	34.412	34.326	21
34.446	.0184	34.474	34.397	21
34.513	.0205	34.554	34.460	14
34.588	.0058	34.595	34.579	5
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.872	.2746	24.314	23.015	23
10	23.885	.2535	24.315	23.153	23
20	23.941	.2706	24.357	23.236	23
30	24.236	.2910	24.696	23.615	23
50	25.174	.1754	25.461	24.769	23
75	25.489	.1768	26.093	25.264	23
100	25.710	.2068	26.323	25.385	23
125	26.065	.1852	26.519	25.662	23
150	26.366	.1019	26.609	26.162	23
175	26.531	.0623	26.673	26.413	23
200	26.615	.0482	26.737	26.509	23
225	26.674	.0379	26.770	26.618	23
250	26.718	.0298	26.801	26.664	23
300	26.799	.0279	26.867	26.746	23
400	26.931	.0270	26.996	26.878	22
500	27.043	.0220	27.095	26.989	22
600	27.133	.0215	27.166	27.088	21
700	27.213	.0199	27.243	27.168	21
800	27.280	.0181	27.302	27.234	21
900	27.342	.0156	27.362	27.298	21
1000	27.394	.0142	27.410	27.354	21
1200	27.478	.0168	27.509	27.435	21
1500	27.572	.0179	27.607	27.527	14
2000	27.668	.0055	27.674	27.660	5
2500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
404.2	26.21	486.0	362.0	23
403.5	24.21	473.1	362.2	23
398.1	25.83	465.4	358.4	23
370.2	27.79	429.5	326.2	23
281.0	16.75	319.7	253.6	23
251.3	16.84	272.8	193.9	23
230.5	19.66	261.5	172.4	23
197.2	17.55	235.5	154.1	23
168.9	9.65	188.3	145.9	23
153.6	5.95	164.9	140.1	23
145.9	4.65	156.0	134.2	23
140.5	3.68	146.1	131.3	23
136.5	2.91	141.9	128.6	23
129.1	2.73	134.5	122.7	23
117.3	2.59	122.0	111.1	22
107.2	2.06	112.1	102.2	22
99.3	1.96	103.4	96.4	21
92.4	1.80	96.6	89.4	21
86.4	1.65	90.6	84.2	21
80.9	1.44	85.0	79.1	21
76.4	1.33	80.0	75.0	21
68.8	1.61	73.0	65.8	21
60.3	1.69	64.5	56.9	14
51.6	.56	52.5	51.1	5
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	15.26	1.167	18.40	13.74	23
10	15.22	1.091	17.82	13.62	23
20	15.00	1.150	17.51	12.95	23
30	13.80	1.365	16.26	11.45	23
50	9.35	.886	10.95	7.57	23
75	7.83	.615	8.77	6.81	23
100	7.29	.522	8.18	6.49	23
125	6.96	.398	7.91	6.24	23
150	6.77	.333	7.74	6.27	23
175	6.60	.325	7.64	6.18	23
200	6.36	.339	7.44	5.93	23
225	6.07	.332	7.16	5.72	23
250	5.82	.315	6.87	5.40	23
300	5.31	.291	6.29	4.96	23
400	4.67	.222	5.26	4.34	22
500	4.29	.173	4.60	4.04	22
600	4.03	.131	4.25	3.78	21
700	3.79	.123	3.98	3.59	21
800	3.56	.114	3.79	3.37	21
900	3.34	.082	3.52	3.22	21
1000	3.14	.081	3.36	3.04	21
1200	2.77	.065	2.96	2.69	21
1500	2.30	.028	2.36	2.26	14
2000	1.80	.018	1.82	1.78	5
2500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
404.2	26.21	486.0	362.0	23
402.9	24.19	472.7	361.9	23
397.5	25.81	464.7	357.8	23
369.4	27.73	428.6	325.5	23
280.0	16.67	318.6	252.8	23
250.0	16.79	271.4	192.7	23
229.0	19.65	259.9	170.8	23
195.3	17.61	233.6	152.1	23
166.6	9.69	186.0	143.6	23
150.9	5.92	162.2	137.5	23
143.0	4.57	153.0	131.4	23
137.4	3.57	142.6	128.3	23
133.1	2.83	138.3	125.3	23
125.5	2.63	130.4	119.0	23
112.9	2.55	117.9	106.7	22
102.2	2.07	107.3	97.3	22
93.6	2.04	97.9	90.5	21
86.0	1.91	90.3	83.2	21
79.6	1.68	83.9	77.5	21
73.6	1.49	77.9	71.8	21
68.7	1.35	72.5	67.2	21
60.6	1.55	64.7	57.8	21
51.7	1.67	55.9	48.3	14
42.3	.56	43.2	41.8	5
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	23
10	.404	.0259	.480	.360	23
20	.807	.0496	.950	.720	23
30	1.195	.0684	1.400	1.090	23
50	1.838	.0962	2.130	1.690	23
75	2.502	.1175	2.860	2.320	23
100	3.103	.1416	3.510	2.900	23
125	3.638	.1673	4.070	3.300	23
150	4.094	.1842	4.540	3.680	23
175	4.496	.1948	4.960	4.030	23
200	4.868	.2001	5.340	4.380	23
225	5.226	.2050	5.700	4.710	23
250	5.573	.2109	6.060	5.030	23
300	6.236	.2181	6.740	5.660	23
400	7.449	.2288	7.990	6.820	22
500	8.571	.2430	9.130	7.910	22
600	9.602	.2591	10.170	8.910	21
700	10.560	.2683	11.140	9.850	21
800	11.454	.2737	12.030	10.720	21
900	12.290	.2789	12.880	11.540	21
1000	13.075	.2832	13.670	12.320	21
1200	14.524	.2982	15.140	13.740	21
1500	16.483	.3795	17.060	15.630	14
2000	19.260	.4986	19.640	18.390	5
2500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	23
.02	.000	.02	.02	23
.08	.006	.10	.07	23
.18	.010	.21	.17	23
.44	.024	.50	.40	23
.86	.039	.96	.81	23
1.40	.072	1.55	1.22	23
2.01	.118	2.22	1.68	23
2.65	.155	2.92	2.21	23
3.31	.179	3.64	2.80	23
4.02	.196	4.40	3.45	23
4.80	.213	5.22	4.17	23
5.64	.226	6.08	4.96	23
7.50	.255	7.95	6.72	23
11.86	.327	12.29	10.86	22
17.00	.402	17.60	15.83	22
22.77	.485	23.52	21.47	21
.12	.562	30.10	27.66	21
94	.644	37.21	34.34	21
.19	.736	44.82	41.46	21
50.79	.820	52.79	48.97	21
67.03	1.068	69.87	64.84	21
93.62	1.834	98.30	90.79	14
143.54	2.096	145.64	140.05	5
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	5.82	.369	6.09	5.40	3
10	5.99	.107	6.06	5.87	3
20	6.01	.108	6.09	5.89	3
30	6.31	.535	6.92	5.91	3
50	6.80	.547	7.27	6.20	3
75	6.55	.339	6.93	6.28	3
100	6.20	.187	6.40	6.03	3
125	4.96	.469	5.50	4.66	3
150	4.27	.363	4.66	3.94	3
175	3.76	.230	3.96	3.51	3
200	3.67	.281	3.94	3.38	3
225	3.40	.248	3.59	3.12	3
250	3.13	.215	3.31	2.89	3
300	2.47	.381	2.79	2.05	3
400	1.62	.240	1.86	1.38	3
500	1.11	.180	1.29	.93	3
600	.76	.042	.79	.73	2
700	.58	.014	.59	.57	2
800	.45	.007	.46	.45	2
900	.41	.028	.43	.39	2
1000	.39	.078	.44	.33	2
1200	.42	.028	.44	.40	2
1500	.73	.057	.77	.69	2
2000	1.43	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1505	3.6	1514	1500	23
1505	3.5	1513	1500	23
1504	3.6	1512	1498	23
1501	4.6	1509	1493	23
1486	3.2	1491	1479	23
1480	2.4	1484	1476	23
1479	2.1	1483	1476	23
1479	1.7	1483	1476	23
1479	1.4	1483	1477	23
1479	1.4	1483	1477	23
1478	1.5	1483	1477	23
1478	1.4	1482	1476	23
1477	1.2	1481	1475	23
1476	1.3	1480	1474	23
1475	1.0	1478	1474	22
1475	.8	1476	1474	22
1476	.7	1477	1475	21
1477	.5	1477	1476	21
1477	.5	1478	1477	21
1478	.4	1479	1478	21
1479	.4	1480	1479	21
1481	.2	1482	1481	21
1484	.0	1484	1484	14
1490	.5	1491	1490	5
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.075	.2845	13.675	12.320	21
10	12.671	.2785	13.196	11.913	21
20	12.269	.2772	12.726	11.502	21
30	11.880	.2750	12.273	11.106	21
50	11.238	.2650	11.609	10.456	21
75	10.578	.2385	10.947	9.882	21
100	9.980	.1998	10.319	9.424	21
125	9.449	.1622	9.768	9.017	21
150	8.995	.1425	9.316	8.643	21
175	8.593	.1346	8.918	8.285	21
200	8.220	.1297	8.540	7.943	21
225	7.862	.1250	8.177	7.611	21
250	7.516	.1200	7.823	7.286	21
300	6.852	.1115	7.141	6.657	21
400	5.625	.0916	5.871	5.485	21
500	4.504	.0756	4.704	4.406	21
600	3.473	.0587	3.627	3.393	21
700	2.514	.0428	2.633	2.463	21
800	1.621	.0276	1.702	1.588	21
900	.785	.0133	.824	.772	21
1000	.000	.0000	.000	.000	21
1200	-1.450	.0289	-1.415	-1.524	21
1500	-3.377	.0800	-3.255	-3.593	14
2000	-6.189	.0775	-6.074	-6.287	5
2500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.74	1.172	15.79	12.30	11
10	13.70	1.213	15.77	12.10	11
20	13.70	1.208	15.73	12.10	11
30	13.66	1.229	15.71	12.10	11
50	11.24	1.713	14.20	8.35	11
75	8.31	1.089	10.90	6.96	11
100	7.42	.669	8.71	6.55	11
125	6.90	.411	7.72	6.39	11
150	6.70	.283	7.05	6.35	11
175	6.54	.278	6.90	6.17	11
200	6.30	.289	6.69	5.89	11
225	6.04	.305	6.51	5.62	11
250	5.78	.275	6.22	5.44	11
300	5.31	.271	5.76	4.92	11
400	4.62	.198	4.89	4.33	11
500	4.22	.164	4.53	3.99	11
600	3.94	.128	4.24	3.78	11
700	3.75	.126	4.00	3.62	11
800	3.55	.109	3.75	3.44	11
900	3.37	.092	3.52	3.25	11
1000	3.19	.056	3.30	3.10	11
1200	2.85	.079	2.97	2.73	11
1500	2.38	.026	2.42	2.36	5
2000	1.93	.017	1.94	1.91	3
2500	n/a	n/a	n/a	n/a	0

SALINITY

PRESS	MEAN	S.D.	MAX	MIN	N
0	32.342	.1302	32.530	32.141	11
10	32.342	.1332	32.530	32.144	11
20	32.344	.1379	32.530	32.145	11
30	32.352	.1416	32.540	32.154	11
50	32.466	.1443	32.690	32.206	11
75	32.689	.1756	33.178	32.514	11
100	32.819	.2211	33.426	32.636	11
125	33.228	.2503	33.713	32.884	11
150	33.603	.1577	33.841	33.324	11
175	33.781	.0731	33.888	33.608	11
200	33.859	.0368	33.912	33.771	11
225	33.879	.0324	33.934	33.813	11
250	33.892	.0284	33.953	33.849	11
300	33.916	.0273	33.982	33.869	11
400	33.982	.0315	34.064	33.938	11
500	34.061	.0331	34.136	34.016	11
600	34.138	.0341	34.208	34.090	11
700	34.214	.0267	34.270	34.179	11
800	34.274	.0205	34.320	34.247	11
900	34.324	.0211	34.360	34.294	11
1000	34.369	.0158	34.395	34.350	11
1200	34.436	.0164	34.464	34.414	11
1500	34.507	.0086	34.514	34.494	5
2000	34.588	.0099	34.592	34.581	3
2500	n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.206	.2560	24.414	23.675	11
10	24.213	.2603	24.417	23.679	11
20	24.216	.2591	24.414	23.688	11
30	24.229	.2637	24.472	23.693	11
50	24.771	.3658	25.324	24.206	11
75	25.433	.2377	25.926	24.957	11
100	25.666	.2071	26.177	25.435	11
125	26.060	.2225	26.443	25.742	11
150	26.382	.1480	26.571	26.117	11
175	26.543	.0785	26.629	26.375	11
200	26.636	.0481	26.697	26.542	11
225	26.684	.0421	26.744	26.618	11
250	26.727	.0356	26.780	26.671	11
300	26.802	.0311	26.846	26.744	11
400	26.934	.0240	26.968	26.896	11
500	27.040	.0219	27.066	27.001	11
600	27.129	.0224	27.169	27.094	11
700	27.209	.0166	27.233	27.186	11
800	27.278	.0125	27.295	27.256	11
900	27.333	.0161	27.358	27.307	11
1000	27.386	.0136	27.414	27.368	11
1200	27.471	.0186	27.504	27.443	11
1500	27.568	.0075	27.575	27.557	5
2000	27.669	.0064	27.674	27.663	3
2500	n/a	n/a	n/a	n/a	0

SVA

PRESS	MEAN	S.D.	MAX	MIN	N
0	372.3	24.43	422.9	352.4	11
10	371.8	24.82	422.8	352.4	11
20	371.8	24.75	422.3	352.9	11
30	370.8	25.20	422.1	347.6	11
50	319.5	34.97	373.6	266.7	11
75	256.6	22.73	302.3	209.7	11
100	234.7	19.74	257.0	186.2	11
125	197.6	21.17	227.9	161.3	11
150	167.3	14.07	192.6	149.5	11
175	152.4	7.51	168.4	144.2	11
200	143.9	4.63	152.9	138.0	11
225	139.6	4.10	145.8	133.7	11
250	135.7	3.50	141.2	130.6	11
300	128.8	3.09	134.6	124.7	11
400	116.9	2.34	120.7	113.9	11
500	107.4	2.15	111.3	104.8	11
600	99.5	2.09	102.8	95.7	11
700	92.6	1.59	94.8	90.3	11
800	86.5	1.19	88.8	84.7	11
900	81.7	1.58	84.5	79.1	11
1000	77.0	1.37	78.8	74.2	11
1200	69.5	1.93	72.5	66.1	11
1500	60.6	.68	61.5	59.8	5
2000	51.5	.55	52.1	51.0	3
2500	n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.74	1.172	15.79	12.30	11
10	13.70	1.213	15.77	12.10	11
20	13.69	1.207	15.73	12.10	11
30	13.66	1.230	15.71	12.10	11
50	11.23	1.713	14.19	8.34	11
75	8.30	1.089	10.89	6.95	11
100	7.41	.669	8.70	6.54	11
125	6.89	.411	7.71	6.38	11
150	6.68	.282	7.03	6.34	11
175	6.52	.277	6.88	6.15	11
200	6.28	.288	6.67	5.87	11
225	6.02	.304	6.49	5.60	11
250	5.76	.275	6.20	5.42	11
300	5.29	.269	5.73	4.90	11
400	4.59	.198	4.86	4.30	11
500	4.18	.163	4.49	3.95	11
600	3.90	.128	4.20	3.74	11
700	3.70	.126	3.95	3.57	11
800	3.49	.108	3.69	3.38	11
900	3.31	.089	3.45	3.19	11
1000	3.12	.056	3.23	3.03	11
1200	2.77	.079	2.89	2.65	11
1500	2.28	.026	2.32	2.26	5
2000	1.79	.017	1.80	1.77	3
2500	n/a	n/a	n/a	n/a	0

SVA (THETA)

PRESS	MEAN	S.D.	MAX	MIN	N
0	372.3	24.43	422.9	352.4	11
10	371.6	24.82	422.5	352.2	11
20	371.3	24.71	421.7	352.4	11
30	370.0	25.17	421.2	346.8	11
50	318.3	34.81	372.2	265.8	11
75	255.4	22.59	300.6	208.5	11
100	233.2	19.69	255.1	184.6	11
125	195.7	21.13	226.0	159.3	11
150	165.1	14.02	190.3	147.2	11
175	149.8	7.45	165.8	141.7	11
200	141.0	4.54	149.9	135.2	11
225	136.4	4.00	142.7	130.7	11
250	132.4	3.38	137.6	127.3	11
300	125.2	2.93	130.6	121.0	11
400	112.6	2.27	116.2	109.3	11
500	102.6	2.11	106.2	100.0	11
600	94.0	2.15	97.4	90.2	11
700	86.4	1.59	88.5	84.1	11
800	79.8	1.18	81.9	78.2	11
900	74.5	1.55	77.0	72.2	11
1000	69.4	1.34	71.2	66.8	11
1200	61.3	1.76	64.0	58.2	11
1500	52.1	.71	53.1	51.3	5
2000	42.3	.56	42.9	41.8	3
2500	n/a	n/a	n/a	n/a	0

STATION MP12 O C T O B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	11
10	.373	.0241	.420	.350	11
20	.745	.0501	.850	.710	11
30	1.118	.0732	1.270	1.060	11
50	1.813	.0907	1.970	1.660	11
75	2.528	.1265	2.780	2.290	11
100	3.140	.1635	3.480	2.880	11
125	3.681	.2021	4.070	3.380	11
150	4.136	.2392	4.590	3.780	11
175	4.532	.2611	5.040	4.150	11
200	4.903	.2754	5.440	4.500	11
225	5.255	.2830	5.810	4.840	11
250	5.599	.2920	6.170	5.170	11
300	6.261	.3038	6.840	5.810	11
400	7.488	.3192	8.060	7.000	11
500	8.608	.3308	9.170	8.100	11
600	9.643	.3377	10.180	9.110	11
700	10.602	.3475	11.120	10.050	11
800	11.497	.3517	11.990	10.940	11
900	12.338	.3582	12.820	11.770	11
1000	13.132	.3632	13.600	12.550	11
1200	14.592	.3848	15.090	13.970	11
1500	16.612	.4452	16.980	15.880	5
2000	19.553	.1721	19.750	19.430	3
2500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	11
.02	.000	.02	.02	11
.07	.007	.09	.07	11
.17	.012	.19	.16	11
.45	.025	.50	.40	11
.91	.058	1.03	.81	11
1.45	.093	1.65	1.32	11
2.07	.140	2.33	1.82	11
2.71	.195	3.06	2.36	11
3.36	.234	3.80	2.97	11
4.07	.257	4.56	3.64	11
4.83	.277	5.37	4.38	11
5.67	.295	6.23	5.19	11
7.52	.331	8.11	6.97	11
11.90	.396	12.48	11.23	11
17.03	.461	17.55	16.24	11
22.82	.536	23.55	21.93	11
29.18	.630	30.05	28.12	11
36.02	.695	36.94	34.88	11
43.30	.763	44.37	42.09	11
50.97	.863	52.25	49.61	11
67.34	1.112	68.95	65.58	11
94.47	1.660	96.13	91.85	5
144.77	.863	145.72	144.03	3
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.22	n/a	n/a	n/a	1
10	6.29	n/a	n/a	n/a	1
20	6.23	n/a	n/a	n/a	1
30	6.27	n/a	n/a	n/a	1
50	6.29	n/a	n/a	n/a	1
75	6.51	n/a	n/a	n/a	1
100	6.45	n/a	n/a	n/a	1
125	5.55	n/a	n/a	n/a	1
150	4.42	n/a	n/a	n/a	1
175	3.95	n/a	n/a	n/a	1
200	3.80	n/a	n/a	n/a	1
225	3.44	n/a	n/a	n/a	1
250	3.10	n/a	n/a	n/a	1
300	2.33	n/a	n/a	n/a	1
400	1.63	n/a	n/a	n/a	1
500	1.17	n/a	n/a	n/a	1
600	.81	n/a	n/a	n/a	1
700	.66	n/a	n/a	n/a	1
800	.54	n/a	n/a	n/a	1
900	.55	n/a	n/a	n/a	1
1000	.56	n/a	n/a	n/a	1
1200	.49	n/a	n/a	n/a	1
1500	.86	n/a	n/a	n/a	1
2000	1.46	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1500	3.8	1506	1495	11
1500	4.3	1507	1494	11
1500	4.1	1507	1495	11
1500	4.0	1507	1495	11
1492	5.9	1502	1482	11
1482	4.2	1492	1477	11
1479	2.6	1484	1476	11
1478	1.5	1481	1476	11
1478	1.2	1480	1477	11
1478	1.2	1480	1477	11
1478	1.2	1480	1476	11
1477	1.1	1479	1476	11
1477	1.3	1479	1475	11
1476	1.3	1478	1474	11
1474	1.0	1476	1473	11
1475	.7	1476	1474	11
1475	.7	1477	1475	11
1476	.5	1477	1476	11
1477	.4	1478	1477	11
1478	.3	1479	1478	11
1479	.0	1479	1479	11
1481	.4	1481	1480	11
1484	.0	1484	1484	5
1490	.0	1490	1490	3
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.131	.3640	13.598	12.545	11
10	12.758	.3492	13.212	12.186	11
20	12.387	.3357	12.828	11.831	11
30	12.014	.3227	12.442	11.475	11
50	11.319	.2974	11.664	10.755	11
75	10.602	.2661	10.931	10.080	11
100	9.990	.2318	10.269	9.584	11
125	9.450	.1926	9.691	9.151	11
150	8.995	.1588	9.224	8.762	11
175	8.599	.1454	8.829	8.393	11
200	8.229	.1381	8.453	8.041	11
225	7.876	.1315	8.090	7.701	11
250	7.532	.1251	7.737	7.371	11
300	6.871	.1130	7.059	6.730	11
400	5.643	.0904	5.794	5.530	11
500	4.522	.0695	4.638	4.430	11
600	3.488	.0528	3.578	3.416	11
700	2.528	.0378	2.596	2.478	11
800	1.633	.0263	1.679	1.590	11
900	.792	.0141	.815	.765	11
1000	.000	.0000	.000	.000	11
1200	-1.460	.0318	-1.390	-1.491	11
1500	-3.421	.0587	-3.335	-3.474	5
2000	-6.245	.0673	-6.205	-6.323	3
2500	n/a	n/a	n/a	n/a	0

STATION MP12 N O V E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.21	1.002	13.29	10.12	9
10	11.16	.982	13.29	10.09	9
20	11.16	.977	13.29	10.12	9
30	11.17	.981	13.30	10.11	9
50	10.79	.839	12.54	10.02	9
75	8.32	1.077	9.72	6.84	9
100	7.61	.630	8.74	6.60	9
125	7.25	.493	8.01	6.39	9
150	6.98	.441	7.60	6.26	9
175	6.74	.410	7.30	6.09	9
200	6.46	.417	6.91	5.77	9
225	6.20	.399	6.61	5.54	9
250	5.92	.379	6.34	5.33	9
300	5.48	.280	5.86	5.02	9
400	4.79	.212	5.08	4.52	9
500	4.37	.165	4.66	4.21	9
600	4.06	.108	4.22	3.89	9
700	3.81	.106	3.97	3.69	9
800	3.59	.114	3.77	3.44	9
900	3.39	.094	3.55	3.29	9
1000	3.19	.073	3.30	3.08	9
1200	2.85	.069	2.92	2.74	8
1500	2.42	.125	2.63	2.31	5
2000	2.03	.199	2.26	1.91	3
2500	1.98	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.317	.0985	32.422	32.158	9
32.330	.0770	32.420	32.173	9
32.336	.0779	32.428	32.180	9
32.336	.0767	32.422	32.180	9
32.387	.0642	32.528	32.320	9
32.658	.1529	33.030	32.518	9
32.925	.2014	33.242	32.648	9
33.423	.1898	33.640	33.026	9
33.718	.1281	33.841	33.422	9
33.832	.0557	33.888	33.720	9
33.888	.0298	33.919	33.823	9
33.910	.0193	33.939	33.874	9
33.919	.0150	33.949	33.894	9
33.943	.0222	33.984	33.911	9
34.001	.0268	34.050	33.969	9
34.082	.0299	34.152	34.052	9
34.154	.0215	34.196	34.128	9
34.223	.0230	34.266	34.197	9
34.281	.0194	34.307	34.249	9
34.333	.0226	34.366	34.293	9
34.373	.0241	34.402	34.323	8
34.442	.0161	34.474	34.425	8
34.503	.0138	34.519	34.481	5
34.572	.0250	34.590	34.544	3
34.592	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.671	.2279	24.943	24.247	9
10	24.689	.2112	24.947	24.247	9
20	24.694	.2106	24.949	24.247	9
30	24.694	.2104	24.946	24.245	9
50	24.800	.1770	25.024	24.455	9
75	25.408	.2633	25.913	25.117	9
100	25.723	.2290	26.106	25.342	9
125	26.164	.1801	26.380	25.891	9
150	26.434	.1298	26.573	26.219	9
175	26.556	.0855	26.650	26.466	9
200	26.637	.0663	26.724	26.564	9
225	26.689	.0561	26.769	26.622	9
250	26.731	.0492	26.810	26.669	9
300	26.805	.0438	26.891	26.749	9
400	26.930	.0325	26.999	26.887	9
500	27.040	.0299	27.104	27.003	9
600	27.130	.0248	27.182	27.099	9
700	27.211	.0213	27.249	27.181	9
800	27.279	.0195	27.311	27.249	9
900	27.339	.0199	27.375	27.314	9
1000	27.390	.0202	27.423	27.356	9
1200	27.477	.0162	27.507	27.460	8
1500	27.562	.0215	27.584	27.526	5
2000	27.648	.0359	27.672	27.607	3
2500	27.669	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
327.9	21.74	368.4	302.1	9
326.5	20.12	368.6	301.9	9
326.3	20.11	368.9	301.9	9
326.5	20.09	369.3	302.4	9
316.7	16.92	349.7	295.3	9
259.0	25.18	286.9	210.8	9
229.3	21.86	265.8	192.8	9
187.8	17.13	213.6	167.2	9
162.6	12.40	182.9	149.3	9
151.3	8.22	159.8	142.1	9
143.9	6.42	150.8	135.4	9
139.2	5.49	145.7	131.3	9
135.4	4.83	141.4	127.6	9
128.7	4.31	134.2	120.3	9
117.4	3.19	121.7	110.7	9
107.6	2.92	111.4	101.5	9
99.6	2.41	102.7	94.5	9
92.5	2.08	95.4	88.8	9
86.5	1.98	89.5	83.2	9
81.2	1.92	83.8	77.7	9
76.7	1.98	79.7	73.3	9
68.9	1.61	70.6	65.9	8
61.3	2.46	65.4	58.9	5
53.9	4.26	58.8	51.1	3
53.6	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.21	1.002	13.29	10.12	9
10	11.16	.982	13.29	10.09	9
20	11.16	.977	13.29	10.12	9
30	11.17	.981	13.30	10.11	9
50	10.78	.840	12.53	10.01	9
75	8.31	1.077	9.71	6.83	9
100	7.60	.630	8.73	6.59	9
125	7.24	.489	7.99	6.38	9
150	6.97	.439	7.59	6.25	9
175	6.73	.410	7.28	6.07	9
200	6.44	.415	6.89	5.76	9
225	6.18	.399	6.59	5.52	9
250	5.90	.379	6.32	5.31	9
300	5.45	.280	5.84	4.99	9
400	4.76	.211	5.05	4.49	9
500	4.33	.165	4.62	4.17	9
600	4.02	.108	4.17	3.84	9
700	3.76	.106	3.92	3.64	9
800	3.53	.114	3.71	3.38	9
900	3.33	.094	3.49	3.23	9
1000	3.12	.073	3.23	3.01	9
1200	2.76	.065	2.83	2.66	8
1500	2.32	.125	2.53	2.21	5
2000	1.89	.199	2.12	1.77	3
2500	1.80	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
327.9	21.74	368.4	302.1	9
326.3	20.12	368.4	301.7	9
325.8	20.10	368.4	301.4	9
325.8	20.03	368.5	301.8	9
315.6	16.85	348.5	294.3	9
257.7	25.02	285.4	209.7	9
227.7	21.76	264.0	191.4	9
185.8	17.11	211.8	165.4	9
160.2	12.31	180.6	147.0	9
148.6	8.08	157.1	139.7	9
140.9	6.27	147.8	132.7	9
136.0	5.31	142.3	128.4	9
132.0	4.61	137.7	124.5	9
124.9	4.14	130.2	116.8	9
113.0	3.04	117.0	106.5	9
102.5	2.81	105.9	96.4	9
93.9	2.32	96.8	89.0	9
86.2	1.99	89.0	82.6	9
79.7	1.83	82.5	76.7	9
74.0	1.85	76.3	70.6	9
69.1	1.94	72.4	66.0	9
60.8	1.51	62.4	57.9	8
52.6	2.05	56.0	50.6	5
44.2	3.36	48.1	42.0	3
42.0	n/a	n/a	n/a	1

STATION MP12 N O V E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	9
10	.327	.0218	.370	.300	9
20	.656	.0413	.740	.600	9
30	.981	.0607	1.110	.910	9
50	1.631	.0958	1.830	1.510	9
75	2.347	.1210	2.540	2.190	9
100	2.952	.1542	3.140	2.780	9
125	3.476	.1976	3.740	3.230	9
150	3.908	.2316	4.210	3.620	9
175	4.299	.2510	4.620	3.990	9
200	4.667	.2675	5.000	4.330	9
225	5.021	.2826	5.370	4.670	9
250	5.363	.2929	5.730	4.990	9
300	6.022	.3106	6.410	5.610	9
400	7.252	.3415	7.690	6.770	9
500	8.379	.3619	8.840	7.830	9
600	9.410	.3801	9.900	8.810	9
700	10.370	.4008	10.890	9.720	9
800	11.264	.4173	11.810	10.580	9
900	12.101	.4369	12.670	11.380	9
1000	12.891	.4518	13.480	12.140	9
1200	14.310	.5026	14.960	13.520	8
1500	16.254	.4506	16.750	15.860	5
2000	19.347	.6542	19.860	18.610	3
2500	22.670	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	9
.02	.000	.02	.02	9
.07	.007	.08	.06	9
.15	.009	.17	.14	9
.42	.024	.47	.39	9
.87	.048	.93	.81	9
1.41	.090	1.54	1.27	9
2.00	.149	2.23	1.78	9
2.61	.194	2.89	2.33	9
3.26	.233	3.57	2.93	9
3.96	.263	4.31	3.60	9
4.73	.293	5.10	4.32	9
5.56	.324	5.96	5.10	9
7.41	.379	7.88	6.84	9
11.78	.494	12.42	10.95	9
16.94	.608	17.71	15.82	9
22.74	.744	23.65	21.29	9
29.07	.892	30.17	27.33	9
35.91	1.035	37.23	33.92	9
43.17	1.202	44.70	40.86	9
50.80	1.375	52.51	48.18	9
66.92	1.755	69.10	63.70	8
94.00	1.728	95.87	91.87	5
146.01	5.250	151.24	140.74	3
215.60	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.30	.229	6.48	6.04	3
10	6.35	.132	6.47	6.21	3
20	6.34	.130	6.47	6.21	3
30	6.33	.135	6.47	6.20	3
50	6.32	.150	6.47	6.17	3
75	6.27	.293	6.49	5.94	3
100	5.85	.514	6.32	5.30	3
125	4.71	.979	5.80	3.91	3
150	4.18	.630	4.91	3.80	3
175	3.81	.369	4.23	3.53	3
200	3.51	.410	3.93	3.11	3
225	3.27	.397	3.64	2.85	3
250	3.04	.386	3.38	2.62	3
300	2.47	.464	2.89	1.97	3
400	1.51	.320	1.83	1.19	3
500	.96	.172	1.16	.84	3
600	.72	.120	.84	.60	3
700	.50	.074	.56	.42	3
800	.39	.087	.44	.29	3
900	.35	.072	.40	.27	3
1000	.34	.056	.39	.28	3
1200	.46	.057	.50	.42	2
1500	.76	.000	.76	.76	2
2000	1.60	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1491	3.3	1498	1488	9
1491	3.4	1499	1488	9
1492	3.4	1499	1488	9
1492	3.4	1499	1488	9
1491	3.0	1497	1488	9
1482	3.9	1487	1477	9
1480	2.2	1484	1477	9
1480	1.9	1483	1477	9
1480	1.6	1482	1477	9
1479	1.7	1482	1477	9
1479	1.6	1480	1476	9
1478	1.8	1480	1475	9
1478	1.4	1479	1475	9
1477	1.0	1478	1475	9
1476	1.0	1477	1474	9
1475	.9	1477	1475	9
1476	.4	1476	1475	9
1476	.5	1477	1476	9
1477	.5	1478	1477	9
1478	.4	1479	1478	9
1479	.0	1479	1479	9
1481	.4	1481	1480	8
1484	.4	1485	1484	5
1491	1.2	1492	1490	3
1499	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.890	.4526	13.478	12.137	9
10	12.563	.4467	13.150	11.807	9
20	12.236	.4425	12.821	11.477	9
30	11.910	.4393	12.493	11.147	9
50	11.258	.4331	11.836	10.483	9
75	10.545	.3754	11.029	9.858	9
100	9.938	.3223	10.350	9.356	9
125	9.416	.2761	9.754	8.911	9
150	8.982	.2484	9.308	8.516	9
175	8.592	.2292	8.899	8.150	9
200	8.223	.2144	8.513	7.803	9
225	7.870	.2011	8.142	7.469	9
250	7.527	.1897	7.784	7.146	9
300	6.867	.1685	7.095	6.524	9
400	5.638	.1314	5.816	5.371	9
500	4.512	.1041	4.652	4.308	9
600	3.478	.0790	3.583	3.332	9
700	2.521	.0575	2.596	2.419	9
800	1.626	.0382	1.678	1.557	9
900	.788	.0187	.815	.756	9
1000	.000	.0000	.000	.000	9
1200	-1.448	.0311	-1.385	-1.482	8
1500	-3.410	.0683	-3.314	-3.503	5
2000	-6.312	.2848	-6.062	-6.622	3
2500	-9.430	n/a	n/a	n/a	1

STATION MP12 D E C E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.25	.675	11.17	8.85	16
10	10.24	.693	11.17	8.85	16
20	10.24	.698	11.17	8.85	16
30	10.24	.696	11.18	8.85	16
50	10.22	.670	11.08	8.85	16
75	8.46	1.122	10.82	7.17	16
100	7.06	.474	8.29	6.31	16
125	6.79	.318	7.42	6.43	16
150	6.71	.287	7.17	6.41	16
175	6.57	.274	7.09	6.25	16
200	6.37	.263	6.75	6.02	16
225	6.04	.281	6.53	5.65	16
250	5.74	.281	6.21	5.32	16
300	5.24	.217	5.66	5.00	16
400	4.61	.170	4.92	4.38	15
500	4.23	.126	4.52	4.04	15
600	3.98	.105	4.23	3.85	15
700	3.77	.081	3.99	3.69	15
800	3.58	.068	3.74	3.48	15
900	3.39	.081	3.52	3.28	15
1000	3.22	.082	3.33	3.08	15
1200	2.86	.065	2.97	2.77	13
1500	2.40	.052	2.49	2.31	7
2000	1.94	.007	1.94	1.93	2
2500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.465	.1095	32.670	32.300	16
32.466	.1095	32.670	32.300	16
32.467	.1116	32.679	32.300	16
32.469	.1124	32.690	32.300	16
32.477	.1142	32.725	32.300	16
32.632	.0951	32.840	32.450	16
32.918	.2017	33.451	32.701	16
33.225	.2416	33.762	32.808	16
33.532	.1457	33.857	33.267	16
33.742	.0716	33.886	33.634	16
33.845	.0406	33.910	33.778	16
33.877	.0464	33.940	33.789	16
33.889	.0447	33.949	33.806	16
33.907	.0458	33.979	33.829	16
33.980	.0467	34.059	33.896	15
34.059	.0389	34.131	33.982	15
34.144	.0306	34.197	34.075	15
34.217	.0312	34.253	34.139	15
34.277	.0330	34.308	34.197	15
34.322	.0399	34.358	34.196	15
34.363	.0441	34.405	34.219	15
34.430	.0371	34.470	34.325	13
34.496	.0271	34.527	34.447	7
34.573	.0081	34.579	34.567	2
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.953	.1160	25.225	24.729	16
10	24.957	.1168	25.225	24.738	16
20	24.958	.1170	25.225	24.745	16
30	24.959	.1161	25.225	24.749	16
50	24.969	.1082	25.225	24.788	16
75	25.366	.2052	25.603	24.962	16
100	25.796	.1675	26.226	25.515	16
125	26.073	.2029	26.496	25.750	16
150	26.325	.1396	26.607	26.083	16
175	26.508	.0835	26.657	26.365	16
200	26.616	.0508	26.707	26.560	16
225	26.682	.0473	26.777	26.629	16
250	26.729	.0460	26.825	26.670	16
300	26.804	.0405	26.876	26.739	16
400	26.934	.0352	26.996	26.876	15
500	27.037	.0276	27.087	26.984	15
600	27.130	.0251	27.164	27.082	15
700	27.209	.0255	27.239	27.155	15
800	27.276	.0271	27.300	27.208	15
900	27.330	.0345	27.361	27.221	15
1000	27.379	.0385	27.414	27.254	15
1200	27.466	.0323	27.491	27.371	13
1500	27.558	.0255	27.582	27.511	7
2000	27.657	.0062	27.662	27.652	2
2500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
301.1	11.06	322.5	275.2	16
301.0	11.13	321.8	275.4	16
301.0	11.17	321.4	275.6	16
301.1	11.10	321.2	275.7	16
300.6	10.34	317.9	276.1	16
263.1	19.67	301.8	240.5	16
222.4	15.90	249.1	181.6	16
196.4	19.25	227.1	156.3	16
172.8	13.28	195.7	146.0	16
155.8	7.98	169.4	141.5	16
145.8	4.88	151.3	137.1	16
139.7	4.56	145.0	130.6	16
135.4	4.45	141.3	126.2	16
128.6	3.90	135.0	121.7	16
116.9	3.34	122.6	111.0	15
107.7	2.61	112.9	102.9	15
99.5	2.40	104.0	96.1	15
92.5	2.45	97.5	89.7	15
86.8	2.56	93.2	84.5	15
82.0	3.31	92.4	78.9	15
77.7	3.70	89.7	74.2	15
70.0	3.08	79.1	67.5	13
61.5	2.47	66.2	59.1	7
52.6	.71	53.1	52.1	2
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.25	.675	11.17	8.85	16
10	10.24	.693	11.17	8.85	16
20	10.24	.698	11.17	8.85	16
30	10.23	.694	11.17	8.85	16
50	10.21	.670	11.07	8.84	16
75	8.45	1.122	10.81	7.17	16
100	7.05	.473	8.28	6.31	16
125	6.78	.318	7.41	6.42	16
150	6.70	.287	7.16	6.40	16
175	6.56	.276	7.07	6.23	16
200	6.35	.262	6.73	6.00	16
225	6.02	.281	6.51	5.63	16
250	5.72	.283	6.19	5.29	16
300	5.25	.214	5.63	4.98	16
400	4.58	.170	4.89	4.35	15
500	4.20	.124	4.48	4.01	15
600	3.94	.105	4.19	3.81	15
700	3.72	.081	3.94	3.64	15
800	3.53	.068	3.68	3.42	15
900	3.33	.079	3.45	3.22	15
1000	3.15	.081	3.26	3.01	15
1200	2.78	.061	2.89	2.69	13
1500	2.29	.050	2.38	2.21	7
2000	1.79	.007	1.80	1.79	2
2500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
301.1	11.06	322.5	275.2	16
300.8	11.13	321.6	275.2	16
300.6	11.16	320.9	275.2	16
300.5	11.05	320.5	275.2	16
299.5	10.30	316.8	275.2	16
261.8	19.50	300.2	239.2	16
220.9	15.91	247.5	180.0	16
194.5	19.25	225.1	154.4	16
170.6	13.24	193.5	143.8	16
153.1	7.93	166.7	139.0	16
142.8	4.79	148.2	134.3	16
136.6	4.47	141.6	127.6	16
132.1	4.36	137.7	123.1	16
125.0	3.84	131.1	118.2	16
112.7	3.33	118.1	106.8	15
102.8	2.61	107.8	98.1	15
93.9	2.38	98.5	90.7	15
86.3	2.43	91.5	83.5	15
80.0	2.57	86.5	77.7	15
74.8	3.25	85.1	71.9	15
70.1	3.65	82.0	66.9	15
61.9	3.05	70.8	59.5	13
53.0	2.38	57.4	50.7	7
43.4	.71	43.9	42.9	2
n/a	n/a	n/a	n/a	0

STATION MP12 D E C E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	16
10	.301	.0102	.320	.280	16
20	.603	.0230	.650	.550	16
30	.906	.0327	.970	.830	16
50	1.508	.0560	1.610	1.380	16
75	2.216	.0619	2.310	2.070	16
100	2.816	.0790	2.960	2.670	16
125	3.342	.1124	3.560	3.120	16
150	3.802	.1461	4.080	3.500	16
175	4.213	.1672	4.530	3.860	16
200	4.588	.1803	4.930	4.200	16
225	4.942	.1888	5.300	4.540	16
250	5.287	.1963	5.650	4.870	16
300	5.946	.2120	6.340	5.510	16
400	7.173	.2510	7.640	6.710	15
500	8.295	.2747	8.810	7.810	15
600	9.329	.2926	9.890	8.830	15
700	10.289	.3102	10.890	9.780	15
800	11.184	.3282	11.820	10.670	15
900	12.027	.3456	12.690	11.510	15
1000	12.827	.3668	13.500	12.300	15
1200	14.342	.4290	15.010	13.720	13
1500	16.450	.5528	17.180	15.650	7
2000	19.890	.3677	20.150	19.630	2
2500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	16
.02	.004	.02	.01	16
.06	.003	.07	.06	16
.14	.005	.15	.13	16
.39	.015	.41	.35	16
.84	.026	.87	.79	16
1.37	.048	1.48	1.30	16
1.97	.091	2.16	1.79	16
2.61	.144	2.89	2.32	16
3.29	.184	3.64	2.91	16
4.01	.208	4.39	3.58	16
4.78	.231	5.20	4.31	16
5.61	.254	6.06	5.11	16
7.46	.306	8.00	6.90	16
11.83	.431	12.59	11.15	15
16.97	.550	17.96	16.05	15
22.77	.669	24.03	21.63	15
29.11	.794	30.64	27.79	15
35.96	.946	37.72	34.45	15
43.27	1.137	45.26	41.62	15
51.01	1.419	53.93	49.12	15
67.70	2.173	72.82	64.88	13
95.68	3.587	102.56	92.38	7
151.55	5.176	155.21	147.89	2
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1488	2.4	1491	1483	16
1488	2.7	1492	1483	16
1488	2.7	1492	1483	16
1489	2.8	1492	1483	16
1489	2.6	1492	1484	16
1483	4.2	1492	1478	16
1478	1.9	1483	1475	16
1478	1.4	1480	1476	16
1478	1.3	1480	1477	16
1479	1.1	1481	1477	16
1478	1.1	1480	1477	16
1477	1.2	1479	1476	16
1477	1.3	1479	1475	16
1475	1.0	1477	1474	16
1475	.7	1476	1474	15
1475	.6	1476	1474	15
1475	.6	1477	1475	15
1476	.4	1477	1476	15
1477	.3	1478	1477	15
1478	.4	1479	1478	15
1479	.3	1480	1479	15
1481	.0	1481	1481	13
1484	.0	1484	1484	7
1490	.0	1490	1490	2
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.827	.3676	13.503	12.296	15
10	12.526	.3669	13.201	12.006	15
20	12.225	.3659	12.898	11.712	15
30	11.924	.3655	12.595	11.410	15
50	11.320	.3676	11.988	10.796	15
75	10.608	.3473	11.228	10.104	15
100	10.007	.3177	10.542	9.534	15
125	9.483	.2773	9.945	9.054	15
150	9.024	.2439	9.438	8.633	15
175	8.615	.2259	9.008	8.254	15
200	8.242	.2151	8.619	7.905	15
225	7.885	.2060	8.251	7.571	15
250	7.542	.1970	7.898	7.249	15
300	6.883	.1791	7.215	6.626	15
400	5.655	.1455	5.947	5.467	15
500	4.533	.1217	4.808	4.399	15
600	3.498	.1034	3.761	3.400	15
700	2.539	.0860	2.784	2.464	15
800	1.643	.0652	1.847	1.588	15
900	.800	.0365	.918	.767	15
1000	.000	.0000	.000	.000	15
1200	-1.476	.0708	-1.406	-1.686	13
1500	-3.481	.1782	-3.333	-3.853	7
2000	-6.603	.3055	-6.387	-6.819	2
2500	n/a	n/a	n/a	n/a	0

Table 26. As in Table 14, for Station 6 (P12).

Table 26: STATION MP12 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

SIGMA -T.	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
23.60	15.94	.247	16.34	15.70	8	32.176	.0632	32.276	32.111	8
23.80	15.35	.442	16.35	14.55	24	32.287	.1066	32.587	32.086	24
24.00	14.57	.557	15.68	13.23	40	32.335	.1243	32.619	32.110	40
24.20	13.81	.567	14.84	12.47	59	32.387	.1299	32.639	32.132	59
24.40	12.89	.539	13.88	11.41	74	32.404	.1296	32.647	32.027	74
24.60	11.96	.499	13.08	10.63	83	32.435	.1117	32.680	32.166	83
24.80	11.00	.499	12.03	9.16	99	32.464	.1068	32.683	32.055	99
25.00	10.00	.493	11.08	8.07	122	32.492	.1035	32.709	32.088	122
25.20	9.04	.430	10.35	7.93	149	32.542	.0872	32.805	32.328	149
25.40	8.08	.392	9.52	7.24	187	32.604	.0762	32.898	32.448	187
25.60	7.43	.458	8.71	6.31	209	32.740	.0844	33.006	32.544	209
25.80	7.11	.483	8.56	5.69	213	32.940	.0859	33.202	32.709	213
26.00	6.96	.427	8.54	5.86	213	33.168	.0747	33.453	32.986	213
26.20	6.88	.390	8.49	6.03	214	33.405	.0679	33.698	33.263	214
26.40	6.77	.338	8.07	6.05	213	33.641	.0580	33.872	33.519	213
26.60	6.45	.253	7.36	5.83	212	33.839	.0423	33.996	33.738	212
26.80	5.34	.260	6.35	4.74	212	33.918	.0393	34.076	33.830	212
27.00	4.43	.217	5.16	4.02	205	34.042	.0299	34.143	33.986	205
27.10	4.14	.177	4.65	3.78	204	34.128	.0237	34.196	34.084	204
27.20	3.86	.142	4.32	3.62	203	34.218	.0182	34.280	34.186	203
27.30	3.55	.113	3.85	3.18	202	34.305	.0138	34.341	34.263	202
27.40	3.20	.095	3.49	2.87	196	34.387	.0109	34.422	34.352	196
27.50	2.74	.090	3.10	2.50	178	34.462	.0097	34.502	34.437	178
27.60	2.26	.075	2.44	2.13	36	34.538	.0076	34.554	34.525	36

SIGMA -T.	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
23.60	19	12.2	31	1	8	430.6	.35	430.9	430.1	8
23.80	20	10.4	35	0	24	411.5	.24	411.8	410.9	24
24.00	23	9.3	39	3	40	392.4	.23	392.8	391.7	40
24.20	26	10.2	50	1	59	373.4	.26	374.1	372.6	59
24.40	29	10.4	56	1	74	354.3	.25	354.9	353.7	74
24.60	34	11.0	63	9	83	335.3	.25	335.9	334.7	83
24.80	38	12.6	70	0	99	316.4	.27	317.1	315.7	99
25.00	44	13.4	77	8	122	297.4	.28	298.2	296.8	122
25.20	51	15.5	87	0	149	278.5	.28	279.2	277.6	149
25.40	67	18.9	110	0	187	259.6	.31	260.3	258.6	187
25.60	86	15.4	128	24	209	240.8	.25	241.5	239.9	209
25.80	101	13.9	139	51	213	221.9	.23	222.5	221.2	213
26.00	113	14.4	149	57	213	203.1	.22	203.6	202.2	213
26.20	127	15.6	160	67	214	184.3	.24	185.0	183.4	214
26.40	147	15.0	179	108	213	165.7	.24	166.3	165.2	213
26.60	188	19.5	260	137	212	147.2	.32	148.6	146.4	212
26.80	293	26.7	421	214	212	129.0	.36	131.1	128.3	212
27.00	458	29.9	585	369	205	111.0	.37	112.7	109.9	205
27.10	559	31.7	662	421	204	102.2	.34	103.4	101.3	204
27.20	679	36.6	778	481	203	93.4	.34	94.8	92.3	203
27.30	827	39.1	1068	685	202	84.7	.32	85.8	84.0	202
27.40	1011	43.2	1246	879	196	75.9	.26	76.7	75.3	196
27.50	1258	57.1	1466	1099	178	66.9	.25	68.1	66.3	178
27.60	1631	118.9	1973	1407	36	58.0	.44	59.5	57.4	36

SIGMA -T.	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
23.60	15.94	.246	16.34	15.70	8	428.6	1.62	429.9	424.9	8
23.80	15.35	.442	16.35	14.55	24	408.1	4.04	410.9	391.1	24
24.00	14.57	.557	15.67	13.23	40	388.8	5.40	391.9	365.1	40
24.20	13.81	.567	14.83	12.47	59	369.9	4.03	372.8	351.0	59
24.40	12.88	.540	13.88	11.41	74	351.1	3.05	353.7	341.3	74
24.60	11.96	.499	13.08	10.62	83	332.0	2.81	334.7	322.6	83
24.80	10.99	.498	12.03	9.16	99	313.2	2.65	315.7	304.9	99
25.00	10.00	.492	11.08	8.06	122	294.5	2.03	296.6	288.5	122
25.20	9.04	.429	10.34	7.93	149	276.5	1.27	277.6	268.7	149
25.40	8.07	.391	9.51	7.24	187	258.0	.83	258.6	250.4	187
25.60	7.42	.458	8.71	6.30	209	239.0	.68	239.5	233.7	209
25.80	7.10	.483	8.56	5.69	213	220.0	.61	220.5	216.7	213
26.00	6.95	.427	8.53	5.86	213	201.0	.45	201.4	198.8	213
26.20	6.86	.390	8.48	6.02	214	182.2	.25	182.5	181.3	214
26.40	6.76	.338	8.06	6.04	213	163.3	.16	163.5	162.7	213
26.60	6.43	.253	7.34	5.81	212	144.4	.05	144.5	144.2	212
26.80	5.32	.259	6.33	4.72	212	125.3	.13	125.4	124.7	212
27.00	4.40	.216	5.12	3.99	205	106.2	.11	106.4	105.8	205
27.10	4.10	.177	4.60	3.74	204	96.7	.08	96.8	96.2	204
27.20	3.81	.141	4.28	3.57	203	87.2	.06	87.3	86.8	203
27.30	3.49	.113	3.79	3.11	202	77.6	.06	77.7	77.3	202
27.40	3.12	.096	3.43	2.78	196	68.1	.08	68.2	67.8	196
27.50	2.66	.093	3.03	2.41	178	58.5	.11	58.6	58.2	178
27.60	2.15	.081	2.35	2.01	36	48.7	.15	49.0	48.4	36

STATION MP12 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	.854	.5610	1.400	.030	8
23.80	.866	.4603	1.580	.000	24
24.00	.947	.4083	1.750	.120	40
24.20	1.036	.4327	1.930	.020	59
24.40	1.137	.4321	2.170	.050	74
24.60	1.289	.4461	2.400	.300	83
24.80	1.403	.4850	2.620	.000	99
25.00	1.548	.4913	2.840	.230	122
25.20	1.700	.5553	3.140	.000	149
25.40	2.062	.6216	3.830	.000	187
25.60	2.500	.5311	4.280	.600	209
25.80	2.837	.5084	4.470	1.470	213
26.00	3.104	.5147	4.640	1.600	213
26.20	3.363	.5361	4.800	1.650	214
26.40	3.719	.5118	5.090	2.330	213
26.60	4.356	.5404	5.720	2.980	212
26.80	5.811	.6106	7.350	4.110	212
27.00	7.806	.6231	9.460	6.200	205
27.10	8.893	.6400	10.550	6.790	204
27.20	10.076	.6571	11.610	7.380	203
27.30	11.414	.6603	14.020	9.330	202
27.40	12.897	.6900	15.470	10.680	196
27.50	14.661	.7486	16.960	12.270	178
27.60	17.146	1.1770	19.640	15.140	36

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.11	.094	.22	.00	8
.11	.084	.28	.00	24
.13	.088	.34	.00	40
.16	.104	.49	.00	59
.19	.118	.62	.00	74
.24	.146	.77	.01	83
.30	.174	.91	.00	99
.37	.207	1.08	.01	122
.47	.254	1.33	.00	149
.73	.357	1.90	.00	187
1.08	.372	2.45	.07	209
1.40	.397	2.71	.37	213
1.69	.435	2.95	.44	213
2.02	.495	3.30	.56	214
2.51	.529	3.88	1.20	213
3.62	.733	6.05	1.94	212
7.21	1.308	13.62	3.91	212
14.86	1.998	24.02	9.81	205
20.55	2.397	29.41	12.14	204
28.09	3.029	36.93	14.87	203
38.42	3.748	61.24	27.67	202
52.47	4.614	78.57	38.84	196
73.25	6.551	99.29	54.95	178
108.66	15.274	153.73	82.67	36

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	12.582	.4484	13.603	12.182	8
23.80	12.359	.4121	13.447	11.653	23
24.00	12.206	.3872	13.271	11.141	38
24.20	12.076	.3807	13.153	11.032	56
24.40	11.915	.3828	13.012	10.915	70
24.60	11.747	.3795	12.943	10.747	78
24.80	11.609	.4020	12.781	10.540	94
25.00	11.404	.3781	12.308	10.422	114
25.20	11.190	.4081	12.547	10.316	141
25.40	10.752	.4521	12.577	9.777	179
25.60	10.243	.3023	11.720	9.479	199
25.80	9.889	.2667	11.588	9.266	202
26.00	9.622	.2721	11.459	9.028	202
26.20	9.360	.2815	11.274	8.773	203
26.40	9.006	.2361	10.366	8.422	202
26.60	8.369	.2071	8.963	7.667	202
26.80	6.914	.2389	7.799	5.882	202
27.00	4.927	.2396	5.602	3.861	202
27.10	3.837	.2358	4.484	3.019	202
27.20	2.651	.2605	3.521	1.803	202
27.30	1.327	.3062	2.499	-0.689	202
27.40	-0.164	.3402	.826	-2.145	196
27.50	-1.941	.4392	-0.759	-3.637	178
27.60	-4.296	.8643	-2.735	-6.812	36

ACC. POT.

MEAN	S.D.	MAX	MIN	N
13.397	.4143	13.862	12.728	8
13.178	.3740	13.798	12.493	23
13.101	.3429	13.726	12.284	38
13.043	.3151	13.647	12.225	56
12.960	.3226	13.561	12.160	70
12.892	.3087	13.498	12.090	78
12.823	.3100	13.431	12.014	94
12.734	.3091	13.464	11.932	114
12.628	.2925	13.309	11.841	141
12.509	.2825	13.150	11.752	179
12.332	.2795	12.998	11.490	199
12.150	.2643	12.820	11.333	202
11.946	.2500	12.638	11.157	202
11.719	.2364	12.512	10.961	203
11.463	.2236	12.355	10.751	202
11.158	.2067	12.058	10.499	202
10.729	.1754	11.442	10.175	202
10.058	.1316	10.509	9.657	202
9.607	.1081	9.922	9.262	202
9.060	.0839	9.343	8.802	202
8.397	.0552	8.554	8.215	202
7.584	.0250	7.650	7.486	196
6.561	.0475	6.670	6.231	178
5.283	.1246	5.528	4.768	36

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	4.32	n/a	n/a	n/a	1
23.80	5.59	.847	6.22	4.39	4
24.00	5.89	.673	6.47	4.44	7
24.20	6.01	.718	6.70	4.49	7
24.40	6.07	.748	6.90	4.54	7
24.60	6.21	.590	6.92	4.63	11
24.80	6.29	.542	6.93	4.77	12
25.00	6.49	.582	7.34	4.90	15
25.20	6.53	.593	7.48	5.02	16
25.40	6.52	.449	7.18	5.74	20
25.60	6.20	.431	6.76	5.32	23
25.80	5.70	.403	6.21	4.72	23
26.00	5.20	.395	5.76	4.17	23
26.20	4.73	.393	5.41	3.88	23
26.40	4.28	.424	5.08	3.30	23
26.60	3.73	.521	4.66	2.32	23
26.80	2.48	.346	3.07	2.03	23
27.00	1.17	.236	1.78	.78	22
27.10	.82	.207	1.42	.54	21
27.20	.58	.156	1.06	.33	21
27.30	.41	.084	.55	.21	20
27.40	.40	.078	.54	.27	20
27.50	.57	.079	.68	.42	18
27.60	1.00	.122	1.20	.85	8

SOUND

MEAN	S.D.	MAX	MIN	N
1507	1.0	1509	1506	8
1505	1.6	1509	1502	24
1503	1.9	1507	1498	40
1501	2.0	1504	1496	59
1498	2.0	1501	1492	74
1495	1.9	1499	1490	83
1491	1.9	1495	1484	99
1488	2.0	1492	1480	122
1485	1.8	1490	1479	149
1481	1.7	1487	1477	187
1479	2.0	1484	1474	209
1478	2.0	1484	1472	213
1478	1.8	1484	1473	213
1479	1.6	1484	1474	214
1479	1.5	1484	1476	213
1478	1.2	1483	1476	212
1476	1.2	1481	1473	212
1475	1.1	1478	1472	205
1476	.9	1479	1473	204
1476	.8	1479	1475	203
1478	.7	1480	1476	202
1479	.7	1482	1478	196
1482	.8	1485	1480	178
1486	1.8	1492	1483	36

Table 27. As in Table 15, for Station 6 (P12).

Table 27 : STATION MP12 J A N U A R Y 1956 to 1990

SIGMA -T.	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	9.90	n/a	n/a	n/a	1	32.447	n/a	n/a	n/a	1
25.20	8.99	.209	9.28	8.81	4	32.534	.0355	32.580	32.500	4
25.40	7.97	.274	8.57	7.54	14	32.582	.0530	32.689	32.497	14
25.60	7.45	.410	8.40	6.75	16	32.744	.0770	32.912	32.616	16
25.80	6.96	.533	7.69	6.06	16	32.917	.0969	33.049	32.759	16
26.00	6.73	.476	7.47	5.88	16	33.127	.0829	33.272	32.986	16
26.20	6.66	.389	7.33	6.03	16	33.369	.0657	33.482	33.263	16
26.40	6.58	.302	7.17	6.12	16	33.608	.0515	33.710	33.530	16
26.60	6.36	.220	6.67	5.99	16	33.824	.0367	33.876	33.763	16
26.80	5.27	.297	5.97	4.95	16	33.907	.0449	34.014	33.860	16
27.00	4.34	.216	4.77	4.11	16	34.029	.0301	34.087	33.997	16
27.10	4.08	.182	4.42	3.88	16	34.120	.0244	34.166	34.093	16
27.20	3.83	.127	4.06	3.68	16	34.213	.0160	34.245	34.193	16
27.30	3.54	.098	3.69	3.37	16	34.302	.0117	34.322	34.283	16
27.40	3.20	.105	3.40	3.03	16	34.387	.0115	34.411	34.368	16
27.50	2.74	.087	2.91	2.58	14	34.461	.0097	34.480	34.443	14
27.60	2.25	.038	2.28	2.21	3	34.536	.0022	34.537	34.534	3

SIGMA -T.	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	52	n/a	n/a	n/a	1	297.6	n/a	n/a	n/a	1
25.20	58	3.4	61	54	4	278.6	.04	278.6	278.5	4
25.40	76	12.5	97	60	14	259.7	.19	260.1	259.4	14
25.60	87	13.5	107	64	16	240.8	.23	241.1	240.4	16
25.80	101	9.7	115	83	16	221.9	.20	222.2	221.5	16
26.00	115	9.3	130	96	16	203.1	.15	203.3	202.8	16
26.20	130	10.0	144	105	16	184.3	.13	184.6	184.1	16
26.40	151	12.6	174	118	16	165.6	.19	166.0	165.2	16
26.60	187	15.4	204	145	16	147.1	.22	147.5	146.6	16
26.80	289	24.3	317	232	16	128.9	.22	129.2	128.4	16
27.00	458	26.4	507	411	16	110.9	.32	111.7	110.5	16
27.10	560	28.5	606	502	16	102.1	.29	102.9	101.8	16
27.20	677	26.8	715	618	16	93.4	.22	94.0	93.1	16
27.30	829	30.1	872	769	16	84.7	.27	85.2	84.3	16
27.40	1016	43.3	1093	956	16	75.9	.33	76.4	75.3	16
27.50	1273	75.5	1466	1196	14	67.0	.43	68.1	66.4	14
27.60	1745	210.8	1973	1557	3	58.5	.96	59.5	57.6	3

SIGMA -T.	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	9.90	n/a	n/a	n/a	1	296.6	n/a	n/a	n/a	1
25.20	8.99	.214	9.28	8.80	4	276.2	.96	277.1	275.1	4
25.40	7.96	.273	8.56	7.53	14	258.1	.75	258.5	255.8	14
25.60	7.44	.410	8.39	6.74	16	239.0	.76	239.5	236.6	16
25.80	6.96	.533	7.68	6.05	16	219.8	.86	220.5	217.7	16
26.00	6.72	.476	7.46	5.87	16	201.1	.45	201.4	199.9	16
26.20	6.65	.388	7.32	6.02	16	182.2	.26	182.4	181.7	16
26.40	6.57	.303	7.16	6.10	16	163.3	.20	163.4	162.7	16
26.60	6.34	.220	6.65	5.97	16	144.4	.03	144.4	144.3	16
26.80	5.24	.298	5.95	4.93	16	125.3	.09	125.4	125.1	16
27.00	4.31	.217	4.74	4.07	16	106.2	.11	106.3	106.0	16
27.10	4.04	.181	4.38	3.84	16	96.7	.07	96.8	96.6	16
27.20	3.78	.127	4.02	3.62	16	87.2	.04	87.2	87.1	16
27.30	3.48	.098	3.64	3.32	16	77.7	.05	77.7	77.6	16
27.40	3.13	.105	3.33	2.96	16	68.1	.06	68.1	67.9	16
27.50	2.65	.090	2.83	2.48	14	58.5	.11	58.6	58.3	14
27.60	2.13	.036	2.16	2.09	3	48.7	.20	48.9	48.5	3

STATION MP12 J A N U A R Y 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	1.550	n/a	n/a	n/a	1
25.20	1.727	.1021	1.810	1.590	4
25.40	2.101	.3114	2.670	1.620	14
25.60	2.347	.3388	2.840	1.710	16
25.80	2.667	.2870	3.070	2.140	16
26.00	2.974	.2564	3.330	2.550	16
26.20	3.260	.2482	3.570	2.720	16
26.40	3.629	.2802	3.990	2.940	16
26.60	4.189	.3333	4.560	3.360	16
26.80	5.594	.4216	6.140	4.540	16
27.00	7.633	.4112	8.360	6.980	16
27.10	8.724	.4467	9.470	7.940	16
27.20	9.886	.4194	10.450	9.120	16
27.30	11.248	.4412	11.790	10.420	16
27.40	12.764	.5417	13.640	11.810	16
27.50	14.589	.7695	16.360	13.570	14
27.60	17.727	1.8067	19.640	16.050	3

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	.41	n/a	n/a	n/a	1
25.20	.52	.057	.56	.44	4
25.40	.84	.265	1.34	.50	14
25.60	1.06	.306	1.55	.56	16
25.80	1.35	.266	1.77	.89	16
26.00	1.69	.263	2.12	1.23	16
26.20	2.05	.289	2.51	1.41	16
26.40	2.59	.382	3.25	1.67	16
26.60	3.56	.529	4.11	2.23	16
26.80	7.00	1.035	8.40	4.50	16
27.00	14.79	1.667	17.90	12.23	16
27.10	20.49	2.097	24.15	16.78	16
27.20	27.87	2.257	31.24	23.32	16
27.30	38.41	2.822	42.67	32.95	16
27.40	52.83	4.357	59.91	46.55	16
27.50	74.69	8.359	95.71	66.09	14
27.60	123.44	28.172	153.73	98.02	3

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	11.275	n/a	n/a	n/a	1
25.20	11.024	.1179	11.112	10.860	4
25.40	10.461	.3470	11.038	9.786	14
25.60	10.215	.3371	10.804	9.642	16
25.80	9.896	.2167	10.278	9.593	16
26.00	9.589	.1801	10.053	9.376	16
26.20	9.303	.1444	9.684	9.081	16
26.40	8.933	.1699	9.239	8.542	16
26.60	8.373	.2024	8.786	7.868	16
26.80	6.969	.2512	7.547	6.628	16
27.00	4.929	.2177	5.241	4.512	16
27.10	3.839	.2316	4.270	3.446	16
27.20	2.676	.2048	3.132	2.379	16
27.30	1.315	.2303	1.780	.977	16
27.40	-0.201	.3376	.261	-0.811	16
27.50	-2.057	.5764	-1.499	-3.531	14
27.60	-5.148	1.5420	-3.767	-6.812	3

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	12.823	n/a	n/a	n/a	1
25.20	12.654	.0777	12.723	12.566	4
25.40	12.456	.2255	12.859	11.966	14
25.60	12.319	.2204	12.663	11.811	16
25.80	12.142	.2124	12.453	11.645	16
26.00	11.937	.2035	12.244	11.469	16
26.20	11.707	.1921	12.007	11.281	16
26.40	11.446	.1779	11.711	11.070	16
26.60	11.138	.1636	11.393	10.835	16
26.80	10.715	.1450	10.940	10.451	16
27.00	10.051	.1092	10.243	9.838	16
27.10	9.601	.0880	9.764	9.431	16
27.20	9.056	.0655	9.188	8.937	16
27.30	8.399	.0506	8.486	8.324	16
27.40	7.588	.0302	7.634	7.525	16
27.50	6.557	.0424	6.628	6.464	14
27.60	5.188	.1118	5.295	5.072	3

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	1488	n/a	n/a	n/a	1
25.20	1485	1.0	1486	1484	4
25.40	1481	1.1	1483	1479	14
25.60	1479	1.9	1483	1476	16
25.80	1478	2.3	1481	1474	16
26.00	1477	2.0	1481	1474	16
26.20	1478	1.5	1480	1475	16
26.40	1478	1.4	1481	1476	16
26.60	1478	1.0	1480	1477	16
26.80	1475	1.0	1477	1474	16
27.00	1475	1.0	1477	1473	16
27.10	1475	.8	1477	1474	16
27.20	1476	.6	1478	1476	16
27.30	1478	.6	1479	1477	16
27.40	1479	.7	1481	1478	16
27.50	1482	1.2	1485	1480	14
27.60	1488	3.6	1492	1485	3

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	8.97	n/a	n/a	n/a	1
25.40	7.87	.235	8.36	7.60	10
25.60	7.51	.331	7.93	6.76	13
25.80	7.05	.597	7.70	5.69	15
26.00	6.95	.437	7.59	5.86	15
26.20	6.90	.354	7.62	6.03	16
26.40	6.88	.258	7.44	6.32	15
26.60	6.47	.203	6.78	6.04	14
26.80	5.38	.256	5.89	4.86	14
27.00	4.48	.289	5.16	4.09	14
27.10	4.13	.219	4.65	3.87	14
27.20	3.87	.151	4.19	3.71	14
27.30	3.57	.127	3.81	3.40	14
27.40	3.20	.112	3.39	3.06	13
27.50	2.74	.131	2.93	2.50	13
27.60	2.29	.007	2.30	2.29	2

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	32.513	n/a	n/a	n/a	1
25.40	32.558	.0441	32.652	32.508	10
25.60	32.752	.0588	32.828	32.618	13
25.80	32.931	.0988	33.039	32.709	15
26.00	33.167	.0726	33.273	32.990	15
26.20	33.410	.0610	33.534	33.263	16
26.40	33.657	.0446	33.756	33.562	15
26.60	33.843	.0335	33.895	33.773	14
26.80	33.923	.0378	34.001	33.851	14
27.00	34.048	.0396	34.143	33.996	14
27.10	34.127	.0292	34.196	34.093	14
27.20	34.218	.0197	34.261	34.197	14
27.30	34.306	.0155	34.336	34.285	14
27.40	34.388	.0135	34.410	34.373	13
27.50	34.461	.0138	34.482	34.437	13
27.60	34.541	.0093	34.542	34.540	2

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	58	n/a	n/a	n/a	1
25.40	59	34.3	100	0	10
25.60	91	12.3	112	74	13
25.80	97	14.9	119	66	15
26.00	107	17.1	128	68	15
26.20	118	22.2	150	70	16
26.40	141	18.8	171	108	15
26.60	185	23.9	247	155	14
26.80	290	33.2	358	240	14
27.00	467	34.5	531	408	14
27.10	570	34.0	609	511	14
27.20	694	41.5	765	630	14
27.30	832	48.5	898	742	14
27.40	1015	64.0	1099	889	13
27.50	1256	84.5	1408	1121	13
27.60	1608	43.8	1639	1577	2

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	278.6	n/a	n/a	n/a	1
25.40	259.5	.52	260.1	258.6	10
25.60	240.9	.19	241.3	240.6	13
25.80	221.9	.31	222.4	221.2	15
26.00	203.0	.33	203.5	202.2	15
26.20	184.2	.36	184.7	183.4	16
26.40	165.6	.29	166.3	165.2	15
26.60	147.2	.37	148.2	146.7	14
26.80	129.0	.42	130.0	128.4	14
27.00	111.2	.45	112.0	110.6	14
27.10	102.3	.49	103.4	101.7	14
27.20	93.6	.50	94.8	92.8	14
27.30	84.8	.44	85.8	84.2	14
27.40	75.9	.35	76.6	75.3	13
27.50	66.9	.27	67.4	66.4	13
27.60	58.1	.28	58.3	57.9	2

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	8.97	n/a	n/a	n/a	1
25.40	7.86	.234	8.35	7.59	10
25.60	7.50	.331	7.92	6.75	13
25.80	7.04	.594	7.69	5.69	15
26.00	6.94	.433	7.57	5.86	15
26.20	6.89	.354	7.61	6.02	16
26.40	6.87	.257	7.42	6.31	15
26.60	6.46	.200	6.76	6.03	14
26.80	5.35	.255	5.87	4.84	14
27.00	4.45	.286	5.12	4.06	14
27.10	4.09	.219	4.60	3.82	14
27.20	3.82	.149	4.13	3.65	14
27.30	3.51	.125	3.74	3.33	14
27.40	3.13	.116	3.32	2.99	13
27.50	2.65	.133	2.85	2.41	13
27.60	2.19	.007	2.19	2.18	2

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	277.5	n/a	n/a	n/a	1
25.40	258.5	.09	258.6	258.3	10
25.60	239.2	.36	239.5	238.6	13
25.80	220.0	.58	220.5	218.5	15
26.00	201.0	.61	201.4	199.5	15
26.20	182.2	.30	182.4	181.3	16
26.40	163.4	.04	163.4	163.3	15
26.60	144.4	.03	144.4	144.3	14
26.80	125.3	.09	125.4	125.1	14
27.00	106.3	.06	106.3	106.1	14
27.10	96.7	.07	96.8	96.6	14
27.20	87.2	.07	87.3	87.0	14
27.30	77.6	.05	77.7	77.6	14
27.40	68.1	.11	68.2	67.8	13
27.50	58.5	.12	58.6	58.3	13
27.60	48.8	.07	48.8	48.7	2

STATION MP12 F E B R U A R Y 1956 to 1998

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	1.690	n/a	n/a	n/a	1
25.40	1.585	.9180	2.670	.000	10
25.60	2.355	.3172	2.980	1.990	13
25.80	2.483	.4241	3.130	1.580	15
26.00	2.697	.4750	3.330	1.610	15
26.20	2.881	.5860	3.630	1.650	16
26.40	3.321	.4865	3.970	2.330	15
26.60	4.031	.5145	5.120	3.430	14
26.80	5.481	.6244	6.670	4.610	14
27.00	7.615	.6278	8.780	6.600	14
27.10	8.714	.5893	9.600	7.710	14
27.20	9.940	.5972	10.590	8.940	14
27.30	11.188	.6283	11.980	10.300	14
27.40	12.642	.7188	13.720	11.570	13
27.50	14.387	.8712	15.950	13.100	13
27.60	16.315	.7000	16.810	15.820	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.50	n/a	n/a	n/a	1
.63	.465	1.37	.00	10
1.11	.304	1.71	.79	13
1.25	.384	1.88	.53	15
1.49	.449	2.14	.56	15
1.73	.600	2.67	.59	16
2.28	.602	3.23	1.20	15
3.47	.875	5.67	2.44	14
7.03	1.579	10.47	4.84	14
15.30	2.374	20.07	11.48	14
21.15	2.598	24.85	16.71	14
29.13	3.340	34.12	23.84	14
38.93	4.245	44.52	32.72	14
53.01	6.196	61.74	43.36	13
73.47	9.384	90.48	59.93	13
105.23	7.849	110.78	99.68	2

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	11.138	n/a	n/a	n/a	1
25.40	10.981	.9022	12.577	10.056	10
25.60	10.140	.2555	10.712	9.856	13
25.80	9.947	.2598	10.614	9.682	14
26.00	9.730	.2873	10.575	9.428	14
26.20	9.533	.3846	10.539	9.072	15
26.40	9.112	.2725	9.860	8.762	14
26.60	8.442	.2808	8.963	7.667	14
26.80	6.993	.3683	7.799	6.114	14
27.00	4.859	.3461	5.345	4.002	14
27.10	3.760	.2853	4.238	3.183	14
27.20	2.534	.3061	3.014	1.993	14
27.30	1.287	.3639	1.923	.776	14
27.40	-0.197	.4930	.752	-0.860	13
27.50	-1.941	.6447	-0.913	-3.089	13
27.60	-4.133	.3663	-3.874	-4.392	2

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.770	n/a	n/a	n/a	1
12.532	.4008	12.854	11.919	10
12.336	.3244	12.709	11.777	13
12.150	.2965	12.498	11.625	14
11.953	.2785	12.274	11.463	14
11.741	.2502	12.038	11.292	15
11.489	.2385	11.765	11.097	14
11.190	.2185	11.428	10.847	14
10.765	.1852	10.962	10.476	14
10.099	.1610	10.350	9.855	14
9.637	.1477	9.913	9.422	14
9.081	.1251	9.303	8.872	14
8.405	.0866	8.554	8.229	14
7.583	.0364	7.650	7.505	13
6.547	.0575	6.617	6.441	13
5.310	.0566	5.350	5.270	2

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	6.66	.035	6.69	6.64	2
25.60	6.07	n/a	n/a	n/a	1
25.80	5.49	n/a	n/a	n/a	1
26.00	4.95	n/a	n/a	n/a	1
26.20	4.45	n/a	n/a	n/a	1
26.40	4.06	n/a	n/a	n/a	1
26.60	3.49	n/a	n/a	n/a	1
26.80	2.34	n/a	n/a	n/a	1
27.00	1.11	n/a	n/a	n/a	1
27.10	.74	n/a	n/a	n/a	1
27.20	.53	n/a	n/a	n/a	1
27.30	.41	n/a	n/a	n/a	1
27.40	.40	n/a	n/a	n/a	1
27.50	.54	n/a	n/a	n/a	1
27.60	.97	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1484	n/a	n/a	n/a	1
1480	1.2	1482	1478	10
1479	1.5	1482	1476	13
1478	2.6	1481	1472	15
1478	2.0	1481	1473	15
1479	1.8	1482	1474	16
1479	1.2	1482	1477	15
1479	1.2	1481	1476	14
1476	1.2	1478	1474	14
1475	1.4	1478	1474	14
1476	1.4	1479	1474	14
1477	1.1	1479	1475	14
1478	.9	1480	1477	14
1479	.8	1481	1478	13
1482	1.0	1483	1480	13
1486	.7	1486	1485	2

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	8.76	n/a	n/a	n/a	1
25.40	8.02	.187	8.30	7.81	6
25.60	7.40	.371	8.04	6.69	15
25.80	7.22	.310	7.69	6.71	15
26.00	7.07	.300	7.52	6.57	15
26.20	7.02	.311	7.49	6.55	15
26.40	6.89	.322	7.56	6.35	15
26.60	6.58	.379	7.13	6.09	15
26.80	5.52	.321	6.35	5.15	15
27.00	4.57	.229	4.98	4.26	14
27.10	4.25	.199	4.59	3.93	14
27.20	3.95	.187	4.32	3.68	14
27.30	3.61	.118	3.84	3.43	13
27.40	3.24	.130	3.49	3.04	13
27.50	2.79	.129	3.10	2.67	11
27.60	2.23	.042	2.26	2.20	2

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	32.470	n/a	n/a	n/a	1
25.40	32.590	.0337	32.640	32.553	6
25.60	32.734	.0641	32.844	32.609	15
25.80	32.960	.0547	33.043	32.869	15
26.00	33.187	.0517	33.260	33.096	15
26.20	33.431	.0535	33.509	33.353	15
26.40	33.661	.0554	33.778	33.567	15
26.60	33.861	.0469	33.955	33.780	15
26.80	33.947	.0501	34.076	33.888	15
27.00	34.061	.0319	34.117	34.017	14
27.10	34.142	.0269	34.192	34.100	14
27.20	34.229	.0245	34.280	34.195	14
27.30	34.312	.0141	34.340	34.289	13
27.40	34.393	.0153	34.422	34.370	13
27.50	34.467	.0146	34.502	34.455	11
27.60	34.534	.0105	34.537	34.531	2

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	71	n/a	n/a	n/a	1
25.40	80	13.3	95	58	6
25.60	84	12.0	106	69	15
25.80	95	12.3	119	75	15
26.00	105	12.8	129	81	15
26.20	117	13.1	139	91	15
26.40	136	12.4	156	118	15
26.60	179	19.4	216	149	15
26.80	281	29.4	329	214	15
27.00	441	34.7	486	369	14
27.10	537	49.0	599	421	14
27.20	657	64.4	742	481	14
27.30	813	44.9	875	710	13
27.40	993	47.6	1047	879	13
27.50	1235	65.7	1330	1099	11
27.60	1606	77.1	1660	1551	2

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	278.8	n/a	n/a	n/a	1
25.40	259.8	.19	260.1	259.5	6
25.60	240.8	.20	241.1	240.6	15
25.80	221.9	.23	222.4	221.6	15
26.00	203.0	.23	203.5	202.7	15
26.20	184.2	.21	184.7	184.0	15
26.40	165.5	.21	165.9	165.2	15
26.60	147.1	.31	147.7	146.6	15
26.80	129.0	.34	129.6	128.5	15
27.00	111.0	.31	111.7	110.6	14
27.10	102.2	.36	102.7	101.5	14
27.20	93.4	.47	94.1	92.3	14
27.30	84.7	.36	85.2	84.2	13
27.40	75.9	.36	76.4	75.3	13
27.50	66.9	.27	67.2	66.4	11
27.60	57.8	.28	58.0	57.6	2

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	8.75	n/a	n/a	n/a	1
25.40	8.02	.187	8.29	7.80	6
25.60	7.39	.370	8.03	6.68	15
25.80	7.21	.309	7.68	6.70	15
26.00	7.06	.299	7.51	6.56	15
26.20	7.01	.310	7.48	6.54	15
26.40	6.88	.322	7.55	6.34	15
26.60	6.56	.380	7.11	6.07	15
26.80	5.50	.323	6.33	5.12	15
27.00	4.54	.228	4.95	4.23	14
27.10	4.21	.201	4.56	3.89	14
27.20	3.90	.190	4.28	3.63	14
27.30	3.55	.120	3.78	3.37	13
27.40	3.17	.131	3.43	2.97	13
27.50	2.70	.134	3.03	2.58	11
27.60	2.12	.057	2.16	2.08	2

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	277.5	n/a	n/a	n/a	1
25.40	258.1	.40	258.5	257.4	6
25.60	239.1	.42	239.5	238.3	15
25.80	219.8	.71	220.5	218.3	15
26.00	201.0	.43	201.4	200.2	15
26.20	182.1	.29	182.4	181.5	15
26.40	163.3	.11	163.4	163.1	15
26.60	144.4	.04	144.4	144.3	15
26.80	125.2	.20	125.4	124.7	15
27.00	106.2	.15	106.3	105.8	14
27.10	96.7	.08	96.8	96.5	14
27.20	87.2	.06	87.3	87.1	14
27.30	77.7	.05	77.7	77.6	13
27.40	68.1	.08	68.2	67.9	13
27.50	58.5	.13	58.6	58.2	11
27.60	48.8	.01	48.8	48.8	2

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	2.010	n/a	n/a	n/a	1
25.40	2.192	.3905	2.690	1.560	6
25.60	2.187	.3800	2.850	1.680	15
25.80	2.431	.3801	3.150	1.890	15
26.00	2.645	.3890	3.350	2.020	15
26.20	2.886	.3997	3.560	2.210	15
26.40	3.217	.3871	3.860	2.680	15
26.60	3.896	.4602	4.780	3.220	15
26.80	5.303	.5818	6.360	4.110	15
27.00	7.241	.6300	8.240	6.200	14
27.10	8.278	.7777	9.470	6.790	14
27.20	9.458	.9073	10.880	7.380	14
27.30	10.901	.7342	12.090	9.330	13
27.40	12.353	.7441	13.460	10.680	13
27.50	14.121	.9012	15.380	12.270	11
27.60	16.040	.5798	16.450	15.630	2

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	.72	n/a	n/a	n/a	1
25.40	.92	.299	1.31	.46	6
25.60	.96	.304	1.52	.59	15
25.80	1.18	.338	1.87	.72	15
26.00	1.40	.366	2.13	.82	15
26.20	1.68	.408	2.42	.99	15
26.40	2.10	.430	2.86	1.50	15
26.60	3.22	.698	4.65	2.25	15
26.80	6.56	1.335	9.02	3.91	15
27.00	13.70	2.142	16.89	9.90	14
27.10	18.97	3.294	23.70	12.14	14
27.20	26.29	4.723	33.43	14.87	14
27.30	36.95	4.283	43.47	27.79	13
27.40	50.43	5.121	57.12	38.84	13
27.50	70.72	7.686	81.05	54.95	11
27.60	102.50	7.905	108.09	96.91	2

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	10.464	n/a	n/a	n/a	1
25.40	10.490	.3799	10.884	9.777	6
25.60	10.107	.2767	10.447	9.678	13
25.80	9.854	.2881	10.315	9.353	13
26.00	9.636	.2729	10.183	9.146	13
26.20	9.400	.2575	9.993	8.981	13
26.40	9.082	.2135	9.518	8.731	13
26.60	8.395	.1357	8.630	8.232	13
26.80	6.977	.1944	7.398	6.667	13
27.00	5.012	.1787	5.309	4.776	13
27.10	3.939	.2668	4.393	3.554	13
27.20	2.712	.3085	3.213	2.144	13
27.30	1.430	.3363	2.181	.935	13
27.40	-0.022	.3614	.826	-0.444	13
27.50	-1.772	.4945	-0.759	-2.495	11
27.60	-4.022	.4752	-3.686	-4.358	2

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	12.444	n/a	n/a	n/a	1
25.40	12.582	.2854	12.940	12.273	6
25.60	12.172	.3479	12.751	11.490	13
25.80	11.999	.3351	12.540	11.333	13
26.00	11.807	.3204	12.306	11.157	13
26.20	11.595	.3067	12.059	10.961	13
26.40	11.358	.2910	11.784	10.751	13
26.60	11.073	.2701	11.457	10.499	13
26.80	10.655	.2229	10.958	10.175	13
27.00	10.011	.1650	10.238	9.657	13
27.10	9.568	.1403	9.755	9.262	13
27.20	9.036	.1058	9.160	8.802	13
27.30	8.382	.0731	8.462	8.215	13
27.40	7.584	.0367	7.643	7.533	13
27.50	6.578	.0440	6.670	6.521	11
27.60	5.368	.0212	5.383	5.353	2

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	6.20	n/a	n/a	n/a	1
25.60	6.26	.558	6.63	5.44	4
25.80	5.72	.448	5.98	5.05	4
26.00	5.20	.379	5.42	4.63	4
26.20	4.74	.364	4.98	4.20	4
26.40	4.32	.426	4.82	3.79	4
26.60	3.76	.555	4.55	3.31	4
26.80	2.62	.346	2.86	2.11	4
27.00	1.37	.367	1.78	1.08	3
27.10	1.01	.400	1.42	.62	3
27.20	.76	.290	1.06	.48	3
27.30	.44	.071	.49	.39	2
27.40	.38	.064	.42	.33	2
27.50	.53	.007	.54	.53	2
27.60	.85	n/a	n/a	n/a	1

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	1484	n/a	n/a	n/a	1
25.40	1481	1.0	1483	1480	6
25.60	1479	1.7	1482	1476	15
25.80	1479	1.4	1481	1477	15
26.00	1479	1.4	1481	1477	15
26.20	1479	1.3	1481	1477	15
26.40	1479	1.4	1482	1477	15
26.60	1479	1.4	1481	1476	15
26.80	1476	1.2	1479	1475	15
27.00	1475	.9	1477	1474	14
27.10	1476	.9	1477	1474	14
27.20	1476	.9	1478	1475	14
27.30	1478	.8	1479	1477	13
27.40	1479	.9	1480	1478	13
27.50	1481	.8	1483	1480	11
27.60	1486	.7	1486	1485	2

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SIGMA -T.	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	8.07	n/a	n/a	n/a	1	32.088	n/a	n/a	n/a	1
25.20	8.48	.492	8.87	7.93	3	32.431	.0768	32.496	32.346	3
25.40	7.77	.375	8.50	7.31	8	32.547	.0700	32.677	32.458	8
25.60	7.23	.538	8.15	6.31	10	32.710	.0988	32.879	32.544	10
25.80	6.90	.526	7.82	6.09	13	32.905	.0962	33.077	32.764	13
26.00	6.87	.408	7.54	6.24	13	33.154	.0723	33.264	33.044	13
26.20	6.84	.321	7.34	6.28	13	33.400	.0556	33.483	33.304	13
26.40	6.81	.318	7.26	6.29	13	33.647	.0540	33.724	33.558	13
26.60	6.46	.255	6.84	6.09	13	33.840	.0426	33.905	33.779	13
26.80	5.39	.281	5.70	4.77	13	33.925	.0418	33.971	33.834	13
27.00	4.53	.231	4.81	4.02	12	34.056	.0320	34.096	33.986	12
27.10	4.26	.171	4.47	3.90	12	34.144	.0228	34.172	34.096	12
27.20	3.96	.123	4.09	3.72	12	34.229	.0165	34.247	34.198	12
27.30	3.64	.104	3.79	3.44	12	34.315	.0132	34.334	34.291	12
27.40	3.24	.076	3.34	3.09	12	34.392	.0082	34.404	34.375	12
27.50	2.75	.052	2.81	2.64	12	34.463	.0062	34.470	34.451	12
27.60	2.30	n/a	n/a	n/a	1	34.542	n/a	n/a	n/a	1

SIGMA -T.	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	8	n/a	n/a	n/a	1	296.8	n/a	n/a	n/a	1
25.20	34	18.6	53	16	3	278.1	.36	278.5	277.8	3
25.40	52	27.7	88	2	8	259.4	.43	259.9	258.6	8
25.60	81	12.3	103	53	10	240.7	.21	241.0	240.2	10
25.80	93	9.2	112	74	13	221.8	.18	222.1	221.5	13
26.00	104	11.0	120	81	13	203.0	.16	203.2	202.6	13
26.20	116	14.0	135	84	13	184.2	.23	184.5	183.7	13
26.40	136	12.7	155	117	13	165.5	.21	165.8	165.2	13
26.60	176	14.2	189	137	13	147.0	.22	147.3	146.4	13
26.80	284	23.7	313	240	13	128.9	.33	129.3	128.4	13
27.00	454	25.4	503	401	12	111.1	.38	111.6	110.4	12
27.10	550	25.0	590	501	12	102.3	.35	102.6	101.6	12
27.20	671	24.5	699	620	12	93.5	.30	93.9	92.9	12
27.30	819	21.6	845	786	12	84.8	.23	85.1	84.4	12
27.40	1003	21.7	1036	960	12	75.9	.15	76.1	75.7	12
27.50	1250	25.1	1289	1203	12	66.9	.15	67.1	66.6	12
27.60	1587	n/a	n/a	n/a	1	58.0	n/a	n/a	n/a	1

SIGMA -T.	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	8.06	n/a	n/a	n/a	1	296.2	n/a	n/a	n/a	1
25.20	8.48	.488	8.86	7.93	3	276.6	1.31	277.5	275.1	3
25.40	7.76	.374	8.49	7.30	8	258.0	.71	258.5	256.4	8
25.60	7.22	.538	8.14	6.30	10	238.8	.54	239.5	238.0	10
25.80	6.89	.525	7.81	6.09	13	219.9	.72	220.5	218.6	13
26.00	6.86	.407	7.53	6.23	13	200.9	.43	201.4	199.9	13
26.20	6.83	.322	7.33	6.27	13	182.2	.30	182.5	181.6	13
26.40	6.79	.317	7.25	6.28	13	163.3	.14	163.5	163.0	13
26.60	6.44	.256	6.85	6.07	13	144.4	.06	144.4	144.2	13
26.80	5.36	.280	5.68	4.74	13	125.3	.09	125.4	125.1	13
27.00	4.50	.229	4.78	3.99	12	106.2	.11	106.4	106.0	12
27.10	4.22	.168	4.43	3.86	12	96.7	.09	96.8	96.5	12
27.20	3.90	.122	4.04	3.67	12	87.2	.04	87.2	87.1	12
27.30	3.58	.102	3.73	3.39	12	77.6	.07	77.7	77.5	12
27.40	3.17	.076	3.27	3.02	12	68.1	.06	68.2	68.0	12
27.50	2.67	.053	2.72	2.55	12	58.5	.12	58.6	58.3	12
27.60	2.19	n/a	n/a	n/a	1	48.7	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	.230	n/a	n/a	n/a	1
25.20	.950	.5226	1.500	.460	3
25.40	1.412	.7690	2.430	.040	8
25.60	2.119	.3700	2.820	1.310	10
25.80	2.348	.3054	3.020	1.780	13
26.00	2.598	.3320	3.210	1.940	13
26.20	2.826	.4006	3.480	2.000	13
26.40	3.170	.3761	3.840	2.570	13
26.60	3.796	.3612	4.370	2.980	13
26.80	5.282	.4695	5.990	4.440	13
27.00	7.369	.4935	8.170	6.410	12
27.10	8.402	.4964	9.110	7.490	12
27.20	9.603	.4948	10.270	8.650	12
27.30	10.931	.4543	11.590	10.140	12
27.40	12.421	.4403	13.040	11.670	12
27.50	14.203	.4789	14.840	13.290	12
27.60	16.380	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.01	n/a	n/a	n/a	1
.19	.186	.40	.04	3
.47	.377	1.09	.00	8
.89	.272	1.47	.36	10
1.11	.247	1.69	.67	13
1.37	.292	1.91	.79	13
1.63	.382	2.26	.84	13
2.07	.412	2.80	1.44	13
3.07	.473	3.73	1.94	13
6.59	1.032	7.92	4.81	13
14.38	1.593	17.51	11.17	12
19.70	1.837	22.82	16.15	12
27.24	2.096	29.92	22.87	12
37.39	2.144	39.91	33.63	12
51.34	2.370	54.24	47.11	12
71.97	3.176	76.77	65.66	12
103.16	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	12.308	n/a	n/a	n/a	1
25.20	11.696	.5373	12.073	11.081	3
25.40	11.091	.6586	12.352	10.393	8
25.60	10.285	.1828	10.596	10.002	10
25.80	9.961	.1559	10.179	9.725	12
26.00	9.704	.1399	9.964	9.506	12
26.20	9.471	.1629	9.903	9.277	12
26.40	9.115	.1341	9.330	8.916	12
26.60	8.464	.1590	8.745	8.200	12
26.80	6.975	.2443	7.596	6.663	12
27.00	4.959	.2118	5.370	4.526	12
27.10	3.927	.2029	4.293	3.581	12
27.20	2.724	.1932	3.127	2.500	12
27.30	1.396	.1668	1.636	1.202	12
27.40	-0.093	.1669	-.233	-0.350	12
27.50	-1.875	.1904	-1.515	-2.172	12
27.60	-3.988	n/a	n/a	n/a	1

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.535	n/a	n/a	n/a	1
12.628	.1679	12.820	12.510	3
12.444	.1549	12.685	12.199	8
12.242	.1904	12.499	11.888	10
12.035	.2003	12.295	11.643	12
11.848	.1859	12.096	11.475	12
11.638	.1672	11.877	11.293	12
11.403	.1467	11.629	11.089	12
11.114	.1342	11.330	10.820	12
10.702	.1276	10.903	10.420	12
10.041	.1006	10.186	9.827	12
9.596	.0778	9.683	9.424	12
9.059	.0550	9.120	8.937	12
8.402	.0325	8.434	8.329	12
7.593	.0154	7.614	7.569	12
6.574	.0242	6.608	6.526	12
5.326	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1480	n/a	n/a	n/a	1
1482	2.6	1484	1479	3
1480	1.7	1483	1478	8
1478	2.4	1482	1474	10
1477	2.3	1481	1474	13
1478	1.8	1481	1475	13
1478	1.3	1480	1476	13
1479	1.3	1481	1477	13
1478	1.1	1480	1477	13
1476	1.2	1477	1473	13
1475	1.0	1476	1473	12
1476	1.0	1477	1474	12
1477	.9	1478	1475	12
1478	.4	1478	1477	12
1480	.5	1480	1479	12
1482	.5	1482	1481	12
1485	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	9.99	1.174	10.82	9.16	2
25.00	9.45	.522	10.20	8.50	7
25.20	8.87	.460	9.50	8.01	23
25.40	7.96	.378	8.98	7.30	31
25.60	7.32	.527	8.71	6.53	37
25.80	7.04	.560	8.56	6.07	37
26.00	6.92	.529	8.54	5.94	37
26.20	6.85	.481	8.49	6.06	37
26.40	6.75	.397	8.07	6.05	37
26.60	6.47	.280	7.18	5.83	37
26.80	5.31	.278	6.03	4.80	37
27.00	4.39	.216	4.85	4.07	36
27.10	4.11	.163	4.45	3.87	36
27.20	3.83	.104	4.06	3.63	36
27.30	3.55	.094	3.83	3.36	36
27.40	3.20	.076	3.41	3.04	34
27.50	2.75	.068	2.88	2.58	32
27.60	2.29	.012	2.30	2.28	3

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.225	.2404	32.395	32.055	2
32.365	.0935	32.512	32.211	7
32.500	.0915	32.630	32.328	23
32.578	.0698	32.772	32.462	31
32.720	.0934	32.975	32.580	37
32.928	.0974	33.202	32.760	37
33.161	.0910	33.453	32.995	37
33.401	.0841	33.698	33.268	37
33.638	.0680	33.872	33.519	37
33.843	.0467	33.964	33.738	37
33.914	.0419	34.025	33.839	37
34.035	.0298	34.101	33.992	36
34.124	.0219	34.171	34.092	36
34.213	.0129	34.245	34.187	36
34.304	.0118	34.339	34.280	36
34.388	.0087	34.413	34.369	34
34.463	.0071	34.476	34.446	32
34.540	.0069	34.542	34.539	3

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	14	4.2	17	11	2
25.00	21	8.3	32	10	7
25.20	31	14.3	53	0	23
25.40	55	20.0	89	10	31
25.60	79	21.0	109	24	37
25.80	97	14.5	122	51	37
26.00	110	14.7	134	57	37
26.20	124	15.7	156	67	37
26.40	144	13.7	172	110	37
26.60	185	19.1	260	150	37
26.80	291	30.5	421	246	37
27.00	453	36.4	585	369	36
27.10	554	35.0	662	474	36
27.20	678	41.6	778	593	36
27.30	824	39.2	921	750	36
27.40	1001	38.6	1125	938	34
27.50	1254	46.9	1380	1178	32
27.60	1596	8.5	1602	1586	3

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
315.9	.14	316.0	315.8	2
297.0	.17	297.2	296.8	7
278.1	.25	278.5	277.6	23
259.4	.33	260.0	258.8	31
240.7	.32	241.1	239.9	37
221.9	.20	222.3	221.4	37
203.0	.19	203.6	202.6	37
184.3	.21	185.0	183.8	37
165.6	.21	166.1	165.2	37
147.2	.34	148.6	146.7	37
129.0	.49	131.1	128.3	37
111.0	.50	112.7	109.9	36
102.1	.42	103.4	101.3	36
93.4	.40	94.3	92.6	36
84.7	.38	85.7	84.1	36
75.9	.28	76.5	75.4	34
66.9	.27	67.6	66.3	32
58.0	.10	58.1	57.9	3

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	9.99	1.174	10.82	9.16	2
25.00	9.45	.522	10.20	8.50	7
25.20	8.87	.459	9.50	8.01	23
25.40	7.95	.375	8.97	7.30	31
25.60	7.31	.527	8.71	6.52	37
25.80	7.03	.560	8.56	6.06	37
26.00	6.91	.528	8.53	5.93	37
26.20	6.83	.481	8.48	6.05	37
26.40	6.74	.398	8.06	6.04	37
26.60	6.46	.280	7.16	5.81	37
26.80	5.29	.276	5.99	4.78	37
27.00	4.35	.214	4.82	4.04	36
27.10	4.07	.162	4.40	3.83	36
27.20	3.78	.103	4.02	3.58	36
27.30	3.49	.094	3.77	3.30	36
27.40	3.13	.076	3.34	2.97	34
27.50	2.66	.070	2.80	2.48	32
27.60	2.18	.012	2.19	2.17	3

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
314.8	.64	315.2	314.3	2
295.8	1.22	296.6	293.2	7
277.0	.74	277.6	274.4	23
258.3	.33	258.6	257.2	31
239.1	.49	239.5	237.6	37
220.1	.40	220.5	219.2	37
201.0	.42	201.4	200.0	37
182.2	.27	182.4	181.4	37
163.3	.16	163.4	162.8	37
144.4	.05	144.4	144.2	37
125.3	.12	125.4	124.8	37
106.2	.11	106.4	106.0	36
96.7	.09	96.8	96.5	36
87.2	.05	87.3	87.1	36
77.6	.05	77.7	77.6	36
68.1	.07	68.2	67.9	34
58.5	.13	58.6	58.2	32
48.7	.06	48.8	48.7	3

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	.445	.1202	.530	.360	2
25.00	.637	.2539	1.010	.320	7
25.20	.907	.4138	1.500	.000	23
25.40	1.545	.5705	2.490	.260	31
25.60	2.108	.5723	2.880	.600	37
25.80	2.545	.3702	3.160	1.470	37
26.00	2.817	.3656	3.500	1.600	37
26.20	3.090	.3872	3.930	1.780	37
26.40	3.441	.3534	4.200	2.590	37
26.60	4.078	.3732	4.960	3.200	37
26.80	5.548	.5099	7.170	4.520	37
27.00	7.498	.5733	9.190	6.230	36
27.10	8.580	.5550	10.030	7.340	36
27.20	9.804	.6137	11.070	8.480	36
27.30	11.121	.5983	12.510	9.930	36
27.40	12.534	.5802	14.190	11.430	34
27.50	14.335	.6413	15.900	13.140	32
27.60	16.560	.1931	16.730	16.350	3

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.04	.021	.05	.02	2
.08	.053	.16	.02	7
.17	.119	.40	.00	23
.49	.302	1.13	.01	31
.89	.390	1.56	.07	37
1.26	.339	1.91	.37	37
1.54	.371	2.30	.44	37
1.88	.437	2.94	.56	37
2.35	.457	3.40	1.32	37
3.44	.652	5.66	2.13	37
7.05	1.493	13.62	4.80	37
14.50	2.405	24.02	9.81	36
20.09	2.685	29.41	14.65	36
27.86	3.543	36.93	21.21	36
38.00	3.940	48.77	30.83	36
51.33	4.314	65.25	43.82	34
72.36	5.801	87.21	62.41	32
103.32	1.518	104.37	101.58	3

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	12.088	.0594	12.130	12.046	2
25.00	11.914	.2327	12.169	11.567	6
25.20	11.640	.4503	12.547	11.006	22
25.40	10.986	.5424	12.042	10.208	30
25.60	10.348	.4300	11.720	9.479	36
25.80	9.909	.3751	11.588	9.266	36
26.00	9.642	.3992	11.459	9.028	36
26.20	9.372	.4038	11.274	8.773	36
26.40	9.023	.3230	10.366	8.422	36
26.60	8.389	.1631	8.693	8.054	36
26.80	6.921	.2450	7.347	5.882	36
27.00	4.969	.2838	5.602	3.861	36
27.10	3.887	.2648	4.484	3.019	36
27.20	2.662	.3244	3.340	1.803	36
27.30	1.346	.3024	1.895	.590	36
27.40	-0.088	.3033	.396	-1.089	34
27.50	-1.902	.3643	-1.313	-2.866	32
27.60	-4.037	.0645	-3.963	-4.079	3

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.524	.0707	12.574	12.474	2
12.522	.2592	13.036	12.353	6
12.512	.2692	13.019	11.841	22
12.441	.2721	13.016	11.793	30
12.261	.2847	12.864	11.703	36
12.092	.2711	12.730	11.595	36
11.895	.2681	12.626	11.439	36
11.674	.2690	12.512	11.204	36
11.425	.2687	12.355	10.944	36
11.127	.2583	12.058	10.643	36
10.703	.2191	11.442	10.244	36
10.037	.1624	10.509	9.688	36
9.590	.1288	9.922	9.323	36
9.049	.0985	9.275	8.858	36
8.392	.0634	8.550	8.258	36
7.581	.0247	7.642	7.529	34
6.572	.0362	6.618	6.451	32
5.324	.0021	5.326	5.322	3

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	7.34	n/a	n/a	n/a	1
25.20	7.18	.417	7.48	6.89	2
25.40	7.01	.150	7.17	6.87	3
25.60	6.53	.187	6.76	6.31	4
25.80	6.03	.152	6.21	5.89	4
26.00	5.50	.202	5.76	5.28	4
26.20	5.03	.329	5.41	4.61	4
26.40	4.58	.421	5.08	4.05	4
26.60	4.07	.519	4.63	3.38	4
26.80	2.64	.470	3.04	2.03	4
27.00	1.22	.164	1.43	1.05	4
27.10	.88	.167	1.12	.75	4
27.20	.64	.126	.82	.54	4
27.30	.43	.108	.53	.32	4
27.40	.41	.087	.51	.33	4
27.50	.59	.100	.68	.47	4
27.60	.97	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1487	4.2	1490	1484	2
1485	2.3	1488	1481	7
1484	1.9	1486	1480	23
1481	1.7	1484	1478	31
1479	2.3	1484	1474	37
1478	2.3	1484	1474	37
1478	2.1	1484	1474	37
1478	1.9	1484	1475	37
1479	1.6	1484	1476	37
1479	1.4	1483	1476	37
1476	1.6	1481	1473	37
1475	1.4	1478	1472	36
1475	1.1	1478	1473	36
1476	.9	1478	1475	36
1478	.9	1480	1476	36
1479	.7	1481	1478	34
1482	.8	1483	1480	32
1486	.6	1486	1485	3

STATION MP12 J U N E 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	14.55	n/a	n/a	n/a	1
24.00	13.69	n/a	n/a	n/a	1
24.20	13.76	.658	14.23	13.30	2
24.40	12.52	.692	13.05	11.41	5
24.60	11.85	.570	12.54	10.63	8
24.80	11.01	.495	11.81	9.94	15
25.00	10.09	.476	11.04	9.24	19
25.20	9.03	.438	10.20	8.25	19
25.40	8.04	.421	9.03	7.24	19
25.60	7.34	.484	8.03	6.47	19
25.80	7.06	.419	7.67	6.37	19
26.00	6.88	.328	7.41	6.38	19
26.20	6.76	.335	7.35	6.34	19
26.40	6.68	.302	7.23	6.25	19
26.60	6.41	.265	6.93	6.00	19
26.80	5.24	.321	5.58	4.74	19
27.00	4.38	.186	4.66	4.06	17
27.10	4.13	.157	4.36	3.88	17
27.20	3.87	.144	4.17	3.63	17
27.30	3.54	.102	3.81	3.40	17
27.40	3.20	.067	3.34	3.09	17
27.50	2.74	.080	2.83	2.54	17
27.60	2.36	.092	2.42	2.29	2

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
32.086	n/a	n/a	n/a	1
32.336	n/a	n/a	n/a	1
32.475	.0372	32.502	32.448	2
32.315	.1954	32.521	32.027	5
32.397	.1156	32.559	32.166	8
32.454	.0993	32.630	32.248	15
32.501	.0973	32.702	32.321	19
32.538	.0868	32.769	32.404	19
32.593	.0784	32.780	32.448	19
32.724	.0882	32.850	32.571	19
32.929	.0750	33.042	32.808	19
33.152	.0560	33.243	33.067	19
33.384	.0579	33.491	33.312	19
33.626	.0518	33.719	33.554	19
33.833	.0442	33.920	33.765	19
33.902	.0330	33.961	33.830	19
34.034	.0253	34.071	33.991	17
34.127	.0216	34.163	34.094	17
34.219	.0190	34.262	34.188	17
34.303	.0120	34.336	34.286	17
34.388	.0082	34.404	34.374	17
34.461	.0092	34.472	34.439	17
34.546	.0113	34.552	34.540	2

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	0	n/a	n/a	n/a	1
24.00	3	n/a	n/a	n/a	1
24.20	3	2.8	5	1	2
24.40	15	9.8	31	8	5
24.60	23	8.5	35	12	8
24.80	25	12.4	41	0	15
25.00	34	7.7	48	21	19
25.20	47	11.7	82	34	19
25.40	65	15.6	103	42	19
25.60	87	11.8	111	66	19
25.80	103	11.7	119	78	19
26.00	117	11.1	129	93	19
26.20	131	11.1	151	110	19
26.40	151	12.9	179	129	19
26.60	190	16.9	232	163	19
26.80	297	23.6	356	254	19
27.00	461	27.3	532	430	17
27.10	559	28.8	636	514	17
27.20	674	42.1	769	568	17
27.30	820	50.6	910	685	17
27.40	1012	41.6	1098	961	17
27.50	1262	52.9	1358	1147	17
27.60	1492	119.5	1576	1407	2

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
411.0	n/a	n/a	n/a	1
391.8	n/a	n/a	n/a	1
372.8	.14	372.9	372.7	2
354.1	.22	354.4	353.8	5
335.2	.15	335.4	335.0	8
316.1	.22	316.4	315.7	15
297.3	.15	297.6	297.1	19
278.4	.22	279.0	278.2	19
259.6	.25	260.2	259.2	19
240.8	.22	241.1	240.4	19
222.0	.21	222.3	221.5	19
203.2	.19	203.4	202.8	19
184.4	.23	184.8	184.0	19
165.7	.26	166.2	165.3	19
147.2	.28	147.7	146.7	19
129.0	.30	129.8	128.5	19
111.0	.35	111.8	110.5	17
102.2	.32	102.9	101.7	17
93.4	.35	94.3	92.9	17
84.6	.35	85.5	84.0	17
75.9	.24	76.4	75.6	17
66.9	.22	67.3	66.5	17
57.7	.35	57.9	57.4	2

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	14.55	n/a	n/a	n/a	1
24.00	13.69	n/a	n/a	n/a	1
24.20	13.76	.658	14.23	13.30	2
24.40	12.52	.690	13.04	11.41	5
24.60	11.84	.573	12.54	10.62	8
24.80	11.01	.496	11.81	9.94	15
25.00	10.08	.475	11.03	9.24	19
25.20	9.03	.438	10.20	8.25	19
25.40	8.03	.419	9.02	7.24	19
25.60	7.33	.483	8.02	6.46	19
25.80	7.05	.419	7.66	6.36	19
26.00	6.87	.328	7.40	6.37	19
26.20	6.75	.335	7.34	6.33	19
26.40	6.67	.300	7.21	6.24	19
26.60	6.39	.264	6.91	5.98	19
26.80	5.21	.219	5.55	4.72	19
27.00	4.35	.185	4.62	4.02	17
27.10	4.09	.157	4.32	3.84	17
27.20	3.82	.144	4.12	3.59	17
27.30	3.48	.101	3.76	3.35	17
27.40	3.13	.069	3.27	3.01	17
27.50	2.65	.083	2.74	2.45	17
27.60	2.25	.106	2.33	2.18	2

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
406.5	n/a	n/a	n/a	1
371.1	n/a	n/a	n/a	1
362.6	9.97	369.6	355.5	2
350.9	3.36	353.6	345.3	5
332.8	1.97	334.7	329.0	8
314.3	1.92	315.7	309.0	15
295.6	1.26	296.5	291.5	19
276.7	1.09	277.5	273.8	19
258.2	.48	258.5	256.7	19
239.1	.56	239.5	237.5	19
220.1	.38	220.5	219.2	19
201.1	.36	201.4	200.3	19
182.3	.19	182.5	181.8	19
163.3	.15	163.4	162.8	19
144.4	.04	144.4	144.3	19
125.3	.15	125.4	124.7	19
106.2	.10	106.3	106.0	17
96.7	.14	96.8	96.2	17
87.1	.10	87.2	86.8	17
77.7	.05	77.7	77.6	17
68.1	.06	68.1	67.9	17
58.5	.08	58.6	58.3	17
48.9	.14	49.0	48.8	2

STATION MP12 J U N E 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	.000	n/a	n/a	n/a	1
24.00	.120	n/a	n/a	n/a	1
24.20	.120	.1414	.220	.020	2
24.40	.542	.3526	1.130	.290	5
24.60	.820	.3102	1.290	.460	8
24.80	.847	.4322	1.440	.000	15
25.00	1.132	.2678	1.650	.650	19
25.20	1.488	.3714	2.620	1.030	19
25.40	1.965	.4701	3.300	1.300	19
25.60	2.529	.3667	3.390	1.990	19
25.80	2.911	.3358	3.570	2.270	19
26.00	3.190	.3293	3.780	2.570	19
26.20	3.469	.3346	4.060	2.910	19
26.40	3.825	.3536	4.520	3.250	19
26.60	4.437	.3874	5.360	3.800	19
26.80	5.918	.4632	6.840	5.050	19
27.00	7.925	.4717	8.980	7.320	17
27.10	8.974	.4846	10.090	8.260	17
27.20	10.108	.5621	11.430	9.140	17
27.30	11.419	.6271	12.690	10.160	17
27.40	12.979	.5623	14.240	12.220	17
27.50	14.775	.6233	15.860	13.520	17
27.60	15.860	1.0182	16.580	15.140	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
.00	n/a	n/a	n/a	1
.00	n/a	n/a	n/a	1
.00	.007	.01	.00	2
.05	.072	.18	.01	5
.11	.077	.23	.03	8
.13	.094	.30	.00	15
.21	.093	.39	.07	19
.37	.201	1.04	.18	19
.65	.318	1.59	.29	19
1.08	.305	1.81	.62	19
1.45	.317	2.02	.83	19
1.76	.337	2.29	1.09	19
2.12	.372	2.79	1.44	19
2.63	.450	3.62	1.86	19
3.71	.638	5.30	2.76	19
7.42	1.179	10.29	5.45	19
15.12	1.813	19.97	13.18	17
20.62	2.198	26.67	17.57	17
27.84	3.306	36.28	21.09	17
37.94	4.434	47.20	27.67	17
52.57	4.476	63.13	47.24	17
73.62	6.087	85.40	61.41	17
91.99	13.188	101.32	82.67	2

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	12.678	n/a	n/a	n/a	1
24.00	12.571	n/a	n/a	n/a	1
24.20	12.812	.4829	13.153	12.470	2
24.40	12.218	.4806	12.885	11.621	5
24.60	12.011	.3179	12.458	11.465	7
24.80	12.045	.3932	12.781	11.319	14
25.00	11.642	.3621	12.034	11.183	17
25.20	11.273	.3381	11.893	10.555	17
25.40	10.779	.3245	11.264	9.976	17
25.60	10.214	.2212	10.793	9.780	17
25.80	9.849	.2439	10.492	9.481	17
26.00	9.566	.2432	10.182	9.216	17
26.20	9.286	.2335	9.882	8.941	17
26.40	8.921	.2044	9.379	8.437	17
26.60	8.300	.2005	8.597	7.849	17
26.80	6.815	.1993	7.114	6.338	17
27.00	4.882	.2404	5.188	4.344	17
27.10	3.831	.2086	4.151	3.289	17
27.20	2.698	.3237	3.521	1.957	17
27.30	1.387	.4035	2.499	.677	17
27.40	-0.172	.3282	.227	-0.854	17
27.50	-1.969	.4077	-1.116	-2.730	17
27.60	-3.313	.8167	-2.735	-3.890	2

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
12.687	n/a	n/a	n/a	1
12.684	n/a	n/a	n/a	1
12.924	.3507	13.172	12.676	2
12.744	.2474	13.164	12.511	5
12.769	.2254	13.115	12.477	7
12.824	.2747	13.358	12.439	14
12.704	.2789	13.287	12.329	17
12.627	.2731	13.199	12.257	17
12.521	.2615	13.088	12.173	17
12.373	.2458	12.936	12.051	17
12.188	.2357	12.759	11.902	17
11.977	.2282	12.554	11.730	17
11.741	.2210	12.320	11.490	17
11.475	.2126	12.047	11.231	17
11.161	.1996	11.706	10.930	17
10.719	.1780	11.193	10.461	17
10.043	.1380	10.408	9.828	17
9.591	.1211	9.885	9.352	17
9.045	.0964	9.267	8.836	17
8.387	.0615	8.529	8.295	17
7.587	.0180	7.617	7.561	17
6.563	.0499	6.613	6.437	17
5.379	.0665	5.426	5.332	2

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	7.08	n/a	n/a	n/a	1
25.20	7.16	n/a	n/a	n/a	1
25.40	7.18	n/a	n/a	n/a	1
25.60	6.66	n/a	n/a	n/a	1
25.80	6.10	n/a	n/a	n/a	1
26.00	5.60	n/a	n/a	n/a	1
26.20	4.98	n/a	n/a	n/a	1
26.40	4.45	n/a	n/a	n/a	1
26.60	3.93	n/a	n/a	n/a	1
26.80	3.07	n/a	n/a	n/a	1
27.00	1.44	n/a	n/a	n/a	1
27.10	.97	n/a	n/a	n/a	1
27.20	.61	n/a	n/a	n/a	1
27.30	.44	n/a	n/a	n/a	1
27.40	.44	n/a	n/a	n/a	1
27.50	.54	n/a	n/a	n/a	1
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
1502	n/a	n/a	n/a	1
1500	n/a	n/a	n/a	1
1501	2.1	1502	1499	2
1496	2.5	1498	1492	5
1494	2.0	1496	1490	8
1491	1.9	1494	1487	15
1488	1.9	1492	1485	19
1484	1.9	1489	1481	19
1481	1.9	1485	1477	19
1479	2.2	1482	1475	19
1478	1.9	1481	1475	19
1478	1.5	1480	1476	19
1478	1.7	1481	1476	19
1479	1.5	1481	1476	19
1478	1.4	1481	1476	19
1475	1.1	1477	1473	19
1475	1.0	1476	1473	17
1476	.9	1477	1474	17
1476	.7	1478	1475	17
1477	.8	1479	1476	17
1479	.6	1481	1479	17
1482	.7	1483	1480	17
1484	1.4	1485	1483	2

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	15.51	.021	15.53	15.50	2
24.20	13.92	.850	14.79	12.88	5
24.40	12.89	.562	13.88	12.30	9
24.60	12.00	.480	12.89	11.31	12
24.80	11.01	.449	11.85	10.23	13
25.00	10.02	.421	10.72	9.59	13
25.20	9.02	.400	9.59	8.28	13
25.40	8.12	.400	8.75	7.28	13
25.60	7.53	.515	8.47	6.53	13
25.80	7.34	.516	8.43	6.39	12
26.00	7.20	.468	8.22	6.56	12
26.20	7.09	.524	8.55	6.51	12
26.40	6.94	.435	7.96	6.45	12
26.60	6.51	.238	6.96	6.11	12
26.80	5.46	.252	5.74	4.95	12
27.00	4.49	.229	4.76	4.14	12
27.10	4.18	.176	4.40	3.93	12
27.20	3.87	.119	4.03	3.67	12
27.30	3.53	.069	3.65	3.44	12
27.40	3.18	.032	3.22	3.10	11
27.50	2.69	.047	2.74	2.58	9
27.60	2.28	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.556	.0038	32.561	32.551	2
32.399	.2185	32.619	32.159	5
32.386	.1465	32.640	32.230	9
32.428	.1083	32.640	32.288	12
32.462	.0940	32.640	32.342	13
32.500	.0857	32.640	32.365	13
32.540	.0784	32.670	32.399	13
32.612	.0724	32.725	32.454	13
32.761	.0914	32.928	32.580	13
32.981	.0908	33.175	32.813	12
33.210	.0824	33.391	33.093	12
33.443	.0937	33.671	33.341	12
33.670	.0758	33.852	33.586	12
33.850	.0398	33.926	33.783	12
33.936	.0380	33.978	33.859	12
34.050	.0319	34.088	34.001	12
34.133	.0235	34.163	34.099	12
34.219	.0151	34.241	34.192	12
34.302	.0085	34.317	34.291	12
34.386	.0019	34.390	34.377	11
34.456	.0052	34.460	34.445	9
34.540	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	14	8.5	20	8	2
24.20	17	9.2	28	6	5
24.40	20	8.9	31	1	9
24.60	24	8.3	34	12	12
24.80	31	7.2	42	18	13
25.00	38	8.3	52	24	13
25.20	46	8.0	62	33	13
25.40	64	11.2	79	44	13
25.60	82	13.5	103	66	13
25.80	94	13.4	112	78	12
26.00	106	11.5	120	89	12
26.20	120	10.9	137	101	12
26.40	142	11.6	161	123	12
26.60	188	25.5	258	160	12
26.80	294	30.3	378	257	12
27.00	466	32.2	545	421	12
27.10	567	29.6	644	532	12
27.20	687	31.2	759	645	12
27.30	836	30.9	900	791	12
27.40	1017	30.1	1050	962	11
27.50	1284	27.8	1342	1245	9
27.60	1604	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
392.4	.20	392.5	392.2	2
373.3	.24	373.6	373.0	5
354.2	.21	354.5	353.8	9
335.2	.18	335.5	334.9	12
316.3	.14	316.6	316.0	13
297.3	.17	297.6	297.1	13
278.4	.17	278.7	278.1	13
259.6	.20	259.9	259.2	13
240.8	.21	241.1	240.4	13
221.9	.18	222.2	221.6	12
203.1	.16	203.2	202.8	12
184.3	.18	184.5	184.0	12
165.7	.28	166.3	165.3	12
147.2	.46	148.5	146.8	12
129.1	.46	130.3	128.5	12
111.2	.41	112.0	110.6	12
102.3	.37	103.1	101.9	12
93.5	.32	94.1	93.0	12
84.7	.29	85.2	84.3	12
75.9	.19	76.1	75.5	11
66.9	.09	67.1	66.8	9
58.0	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	15.51	.021	15.53	15.50	2
24.20	13.92	.850	14.79	12.88	5
24.40	12.89	.563	13.88	12.29	9
24.60	11.99	.479	12.88	11.31	12
24.80	11.01	.449	11.85	10.23	13
25.00	10.02	.420	10.72	9.59	13
25.20	9.02	.399	9.58	8.28	13
25.40	8.11	.399	8.74	7.28	13
25.60	7.52	.516	8.47	6.52	13
25.80	7.33	.518	8.43	6.38	12
26.00	7.19	.469	8.21	6.55	12
26.20	7.08	.524	8.54	6.50	12
26.40	6.93	.434	7.95	6.44	12
26.60	6.50	.236	6.94	6.10	12
26.80	5.44	.250	5.72	4.93	12
27.00	4.46	.227	4.72	4.11	12
27.10	4.14	.175	4.35	3.88	12
27.20	3.82	.119	3.99	3.62	12
27.30	3.48	.069	3.59	3.38	12
27.40	3.11	.032	3.15	3.03	11
27.50	2.65	.047	2.65	2.49	9
27.60	2.17	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
391.8	.11	391.9	391.8	2
371.2	1.90	372.8	368.8	5
352.5	1.26	353.7	349.7	9
333.1	1.44	334.6	330.4	12
313.7	2.53	315.5	309.0	13
294.6	2.28	296.5	290.2	13
276.3	1.18	277.5	274.1	13
257.9	.71	258.5	256.2	13
238.9	.55	239.5	237.5	13
219.9	.44	220.4	219.2	12
201.0	.47	201.4	200.6	12
182.2	.22	182.4	181.7	12
163.3	.17	163.4	162.8	12
144.3	.07	144.4	144.2	12
125.3	.06	125.4	125.2	12
106.2	.12	106.3	106.0	12
96.7	.05	96.7	96.6	12
87.1	.05	87.2	87.1	12
77.6	.05	77.7	77.6	12
68.0	.07	68.1	67.9	11
58.4	.08	58.5	58.3	9
48.6	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	.565	.3323	.800	.330	2
24.20	.658	.3747	1.120	.230	5
24.40	.754	.3434	1.220	.050	9
24.60	.872	.3275	1.300	.410	12
24.80	1.092	.2807	1.500	.620	13
25.00	1.320	.2961	1.700	.800	13
25.20	1.556	.3721	1.970	1.060	13
25.40	2.032	.3342	2.540	1.440	13
25.60	2.492	.3888	3.150	1.940	13
25.80	2.771	.3842	3.360	2.300	12
26.00	3.014	.3466	3.510	2.600	12
26.20	3.288	.3335	3.840	2.840	12
26.40	3.677	.3091	4.180	3.230	12
26.60	4.393	.4724	5.480	3.790	12
26.80	5.861	.5396	7.160	5.120	12
27.00	7.933	.5701	9.200	7.080	12
27.10	9.031	.5405	10.280	8.280	12
27.20	10.212	.5516	11.420	9.440	12
27.30	11.547	.5406	12.700	10.700	12
27.40	12.959	.4321	13.630	12.080	11
27.50	14.847	.4013	15.290	14.110	9
27.60	16.370	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.04	.049	.08	.01	2
.07	.065	.16	.01	5
.09	.060	.19	.00	9
.12	.076	.22	.02	12
.18	.079	.31	.06	13
.26	.107	.44	.09	13
.36	.122	.60	.17	13
.64	.205	.96	.31	13
.99	.307	1.49	.62	13
1.24	.342	1.72	.86	12
1.49	.330	1.94	1.06	12
1.80	.346	2.38	1.29	12
2.33	.357	2.88	1.74	12
3.58	.900	6.05	2.55	12
7.21	1.531	11.49	5.38	12
15.26	2.281	21.15	12.18	12
21.07	2.502	27.73	18.03	12
28.69	2.945	35.96	25.07	12
39.14	3.298	46.84	34.40	12
52.83	3.044	56.58	46.83	11
75.52	3.275	80.91	69.83	9
102.89	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	12.531	.4356	12.839	12.223	2
24.20	12.331	.2732	12.698	12.051	5
24.40	12.047	.4329	12.899	11.497	8
24.60	11.894	.3734	12.531	11.180	11
24.80	11.707	.3227	12.306	11.016	12
25.00	11.522	.2899	11.987	10.864	12
25.20	11.292	.2472	11.665	10.722	12
25.40	10.798	.3134	11.393	10.302	12
25.60	10.335	.3816	11.195	9.765	12
25.80	10.042	.3847	11.003	9.587	12
26.00	9.799	.3587	10.755	9.424	12
26.20	9.524	.3293	10.431	9.157	12
26.40	9.136	.1854	9.516	8.790	12
26.60	8.418	.1630	8.586	7.977	12
26.80	6.953	.2422	7.211	6.303	12
27.00	4.880	.2565	5.218	4.255	12
27.10	3.783	.2277	4.021	3.178	12
27.20	2.600	.2466	2.981	2.035	12
27.30	1.264	.5383	1.599	.759	12
27.40	-0.205	.5331	.218	-0.463	11
27.50	-2.125	.2123	-1.809	-2.554	9
27.60	-4.068	n/a	n/a	n/a	1

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
13.090	.1103	13.168	13.012	2
12.964	.1002	13.118	12.841	5
12.844	.3651	13.444	12.293	8
12.737	.3280	13.408	12.240	11
12.695	.3121	13.353	12.174	12
12.631	.3067	13.281	12.100	12
12.554	.2998	13.189	12.017	12
12.455	.2916	13.075	11.923	12
12.315	.2821	12.944	11.809	12
12.148	.2777	12.800	11.672	12
11.958	.2763	12.638	11.514	12
11.747	.2759	12.451	11.336	12
11.503	.2716	12.215	11.127	12
11.204	.2427	11.838	10.868	12
10.778	.1883	11.259	10.511	12
10.096	.1299	10.407	9.917	12
9.638	.1019	9.876	9.497	12
9.082	.0752	9.244	8.972	12
8.407	.0504	8.498	8.331	12
7.587	.0187	7.605	7.549	11
6.552	.0218	6.583	6.515	9
5.343	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	6.45	.092	6.52	6.39	2
24.80	6.59	.085	6.65	6.53	2
25.00	6.72	.262	6.91	6.54	2
25.20	6.78	.311	7.00	6.56	2
25.40	6.75	.247	6.93	6.58	2
25.60	6.36	.021	6.37	6.34	2
25.80	5.88	.120	5.97	5.80	2
26.00	5.44	.311	5.66	5.22	2
26.20	5.03	.453	5.35	4.71	2
26.40	4.57	.629	5.01	4.12	2
26.60	4.06	.849	4.66	3.46	2
26.80	2.15	.028	2.17	2.13	2
27.00	.96	.028	.98	.94	2
27.10	.61	.099	.68	.54	2
27.20	.45	.049	.49	.42	2
27.30	.40	.057	.44	.36	2
27.40	.41	.156	.52	.30	2
27.50	.60	.035	.63	.58	2
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1506	.0	1506	1506	2
1501	3.1	1504	1497	5
1498	2.0	1501	1495	9
1495	2.0	1498	1492	12
1491	1.8	1495	1488	13
1488	1.7	1491	1485	13
1484	1.7	1487	1481	13
1481	1.8	1484	1478	13
1479	2.1	1483	1475	13
1479	2.2	1484	1475	12
1479	1.9	1483	1476	12
1479	2.1	1484	1477	12
1479	2.0	1484	1477	12
1479	1.4	1482	1477	12
1476	1.4	1479	1474	12
1475	1.3	1477	1473	12
1476	.9	1477	1474	12
1477	.9	1478	1475	12
1478	.7	1479	1477	12
1479	.7	1480	1478	11
1482	.3	1482	1481	9
1486	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	15.90	.235	16.34	15.70	7
23.80	15.26	.357	15.85	14.56	14
24.00	14.46	.488	15.46	13.23	20
24.20	13.76	.572	14.69	12.47	27
24.40	12.85	.548	13.78	11.93	27
24.60	11.90	.509	12.87	10.87	27
24.80	10.92	.483	11.92	9.93	27
25.00	9.93	.424	10.86	9.10	27
25.20	8.97	.381	9.63	8.19	27
25.40	8.05	.320	8.57	7.31	27
25.60	7.40	.376	8.25	6.62	27
25.80	7.13	.366	8.03	6.46	27
26.00	7.00	.347	7.97	6.48	27
26.20	6.92	.339	7.89	6.42	27
26.40	6.77	.332	7.72	6.31	27
26.60	6.38	.254	7.08	5.93	27
26.80	5.32	.227	5.77	4.95	27
27.00	4.46	.208	4.76	4.10	27
27.10	4.17	.193	4.46	3.78	27
27.20	3.92	.160	4.15	3.62	26
27.30	3.60	.121	3.85	3.39	26
27.40	3.21	.101	3.40	3.05	25
27.50	2.78	.114	3.09	2.61	23
27.60	2.29	.131	2.44	2.13	6

SALINITY

MEAN	S.D.	MAX	MIN	N
32.167	.0620	32.276	32.111	7
32.266	.0702	32.393	32.154	14
32.306	.0982	32.540	32.119	20
32.373	.1278	32.590	32.132	27
32.395	.1226	32.604	32.149	27
32.422	.1113	32.622	32.166	27
32.455	.1034	32.647	32.219	27
32.485	.0939	32.657	32.299	27
32.529	.0771	32.665	32.370	27
32.600	.0588	32.700	32.470	27
32.736	.0702	32.895	32.595	27
32.942	.0645	33.098	32.827	27
33.175	.0619	33.349	33.080	27
33.413	.0583	33.583	33.329	27
33.642	.0568	33.808	33.563	27
33.827	.0422	33.946	33.755	27
33.915	.0344	33.983	33.859	27
34.045	.0285	34.087	33.995	27
34.132	.0255	34.170	34.084	27
34.225	.0203	34.254	34.187	26
34.310	.0151	34.341	34.285	26
34.389	.0115	34.411	34.371	25
34.466	.0118	34.502	34.449	23
34.540	.0117	34.554	34.525	6

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	17	12.2	31	1	7
23.80	19	10.2	35	1	14
24.00	22	9.6	39	3	20
24.20	24	9.4	44	6	27
24.40	29	9.0	48	8	27
24.60	34	9.4	53	10	27
24.80	39	9.6	60	14	27
25.00	45	10.0	67	19	27
25.20	54	11.8	77	28	27
25.40	71	17.4	110	45	27
25.60	89	15.9	128	68	27
25.80	106	14.4	139	91	27
26.00	120	13.8	149	101	27
26.20	134	13.3	160	115	27
26.40	153	13.3	178	127	27
26.60	195	19.9	243	152	27
26.80	299	24.7	375	249	27
27.00	463	29.8	548	418	27
27.10	570	29.7	639	528	27
27.20	684	27.8	739	648	26
27.30	832	30.7	899	776	26
27.40	1017	40.6	1085	950	25
27.50	1244	60.6	1341	1101	23
27.60	1591	153.3	1779	1419	6

SVA

MEAN	S.D.	MAX	MIN	N
430.6	.35	430.9	430.1	7
411.4	.23	411.7	410.9	14
392.4	.22	392.7	391.7	20
373.3	.21	373.6	372.6	27
354.3	.23	354.7	353.7	27
335.3	.20	335.8	334.9	27
316.4	.18	316.8	315.9	27
297.4	.20	297.8	296.9	27
278.5	.22	278.9	278.0	27
259.7	.28	260.3	259.2	27
240.8	.25	241.5	240.5	27
222.0	.22	222.5	221.7	27
203.2	.19	203.6	202.9	27
184.5	.16	184.7	184.2	27
165.7	.22	166.3	165.3	27
147.3	.34	148.3	146.6	27
129.1	.37	130.3	128.4	27
111.1	.39	112.2	110.5	27
102.4	.30	102.9	101.7	27
93.6	.29	94.2	92.9	26
84.8	.26	85.5	84.3	26
76.0	.25	76.7	75.6	25
66.9	.20	67.5	66.5	23
57.9	.34	58.3	57.5	6

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	15.90	.236	16.34	15.70	7
23.80	15.26	.357	15.85	14.56	14
24.00	14.46	.489	15.46	13.23	20
24.20	13.75	.573	14.69	12.47	27
24.40	12.84	.547	13.77	11.93	27
24.60	11.89	.509	12.87	10.87	27
24.80	10.91	.483	11.92	9.93	27
25.00	9.93	.423	10.85	9.09	27
25.20	8.96	.381	9.62	8.19	27
25.40	8.04	.320	8.56	7.30	27
25.60	7.40	.376	8.25	6.61	27
25.80	7.12	.367	8.02	6.45	27
26.00	6.99	.348	7.96	6.47	27
26.20	6.90	.338	7.88	6.41	27
26.40	6.76	.331	7.70	6.30	27
26.60	6.36	.252	7.05	5.91	27
26.80	5.29	.226	5.75	4.92	27
27.00	4.42	.207	4.72	4.06	27
27.10	4.13	.193	4.42	3.74	27
27.20	3.87	.159	4.10	3.58	26
27.30	3.54	.121	3.79	3.33	26
27.40	3.14	.102	3.33	2.97	25
27.50	2.69	.118	3.01	2.51	23
27.60	2.18	.142	2.35	2.01	6

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
428.4	1.65	429.8	424.9	7
407.8	5.11	410.9	391.1	14
388.6	5.96	391.9	365.1	20
369.9	4.37	372.8	351.0	27
351.0	3.24	353.7	341.3	27
331.8	2.69	334.6	325.2	27
312.7	2.28	315.6	307.9	27
294.3	1.86	296.6	291.1	27
276.3	1.10	277.5	273.7	27
257.9	.65	258.5	256.7	27
239.0	.45	239.5	237.7	27
220.1	.37	220.5	219.2	27
201.0	.34	201.4	200.2	27
182.1	.30	182.4	181.3	27
163.2	.14	163.4	162.9	27
144.3	.06	144.4	144.2	27
125.3	.13	125.4	124.9	27
106.2	.09	106.3	106.0	27
96.7	.08	96.8	96.5	27
87.2	.05	87.3	87.1	26
77.6	.04	77.7	77.6	26
68.0	.09	68.1	67.9	25
58.4	.13	58.6	58.2	23
48.8	.21	49.0	48.5	6

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	.776	.5571	1.400	.030	7
23.80	.818	.4578	1.580	.050	14
24.00	.914	.4274	1.750	.140	20
24.20	.990	.4159	1.910	.220	27
24.40	1.155	.4010	2.060	.300	27
24.60	1.327	.4121	2.250	.380	27
24.80	1.498	.4152	2.470	.520	27
25.00	1.681	.4281	2.680	.650	27
25.20	1.949	.4761	2.900	.910	27
25.40	2.396	.6101	3.830	1.360	27
25.60	2.864	.5425	4.280	2.130	27
25.80	3.257	.4917	4.470	2.560	27
26.00	3.547	.4627	4.640	2.930	27
26.20	3.828	.4387	4.800	3.200	27
26.40	4.160	.4202	5.010	3.420	27
26.60	4.814	.4859	5.620	3.800	27
26.80	6.257	.5423	7.350	5.320	27
27.00	8.232	.6198	9.460	7.300	27
27.10	9.387	.5991	10.550	8.420	27
27.20	10.526	.5776	11.610	9.680	26
27.30	11.860	.5890	12.890	10.790	26
27.40	13.343	.6664	14.650	12.190	25
27.50	14.984	.7330	16.350	13.510	23
27.60	17.007	1.5271	19.200	15.310	6

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.10	.093	.22	.00	7
.10	.087	.28	.00	14
.12	.093	.34	.00	20
.14	.100	.41	.01	27
.18	.108	.48	.01	27
.24	.128	.58	.02	27
.30	.149	.71	.04	27
.38	.173	.84	.06	27
.52	.233	1.01	.12	27
.83	.418	1.90	.29	27
1.21	.460	2.45	.68	27
1.60	.464	2.71	1.12	27
1.93	.474	2.95	1.34	27
2.29	.490	3.27	1.64	27
2.78	.510	3.83	1.92	27
3.97	.770	5.61	2.47	27
7.62	1.256	11.37	5.46	27
15.34	2.042	21.32	12.46	27
21.47	2.341	26.90	18.16	27
28.71	2.523	34.33	25.33	26
39.10	3.052	46.49	33.79	26
53.34	4.338	62.19	46.61	25
72.43	6.521	84.74	58.38	23
103.74	18.643	126.86	84.33	6

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	12.626	.4658	13.603	12.182	7
23.80	12.466	.3795	13.447	12.017	14
24.00	12.292	.3200	13.271	11.888	20
24.20	12.146	.3329	12.913	11.663	26
24.40	11.985	.3097	12.689	11.535	26
24.60	11.816	.2959	12.438	11.388	26
24.80	11.646	.2901	12.247	11.197	26
25.00	11.464	.2878	12.104	11.042	26
25.20	11.193	.2630	11.770	10.806	26
25.40	10.739	.3024	11.247	10.032	26
25.60	10.268	.2662	10.891	9.586	26
25.80	9.877	.2598	10.635	9.369	26
26.00	9.588	.2517	10.327	9.157	26
26.20	9.308	.2416	9.955	8.910	26
26.40	8.976	.2204	9.363	8.613	26
26.60	8.313	.2397	8.873	7.862	26
26.80	6.866	.2234	7.279	6.313	26
27.00	4.893	.2420	5.316	4.204	26
27.10	3.745	.2431	4.121	3.122	26
27.20	2.630	.2143	2.909	2.229	26
27.30	1.295	.2343	1.706	.782	26
27.40	-0.205	.3156	.304	-0.757	25
27.50	-1.841	.4581	-0.783	-2.569	23
27.60	-3.979	1.0885	-2.816	-5.277	6

ACC. POT.

MEAN	S.D.	MAX	MIN	N
13.373	.4413	13.862	12.728	7
13.246	.4169	13.798	12.493	14
13.146	.3635	13.726	12.488	20
13.069	.3579	13.647	12.480	26
13.018	.3484	13.561	12.467	26
12.958	.3383	13.498	12.439	26
12.889	.3273	13.431	12.389	26
12.809	.3168	13.356	12.326	26
12.716	.3045	13.271	12.248	26
12.598	.2836	13.150	12.151	26
12.445	.2584	12.998	12.019	26
12.260	.2391	12.820	11.861	26
12.045	.2241	12.628	11.678	26
11.805	.2116	12.400	11.462	26
11.536	.2004	12.125	11.188	26
11.218	.1866	11.761	10.883	26
10.776	.1655	11.239	10.500	26
10.094	.1205	10.401	9.887	26
9.636	.0910	9.841	9.456	26
9.083	.0686	9.248	8.943	26
8.416	.0455	8.531	8.313	26
7.592	.0213	7.645	7.561	25
6.568	.0420	6.663	6.475	23
5.337	.1413	5.528	5.153	6

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	4.32	n/a	n/a	n/a	1
23.80	5.38	.900	6.15	4.39	3
24.00	5.69	.850	6.29	4.44	4
24.20	5.84	.907	6.42	4.49	4
24.40	5.88	.911	6.54	4.54	4
24.60	5.92	.888	6.65	4.63	4
24.80	5.96	.842	6.74	4.77	4
25.00	5.98	.768	6.71	4.90	4
25.20	5.97	.697	6.70	5.02	4
25.40	6.05	.375	6.59	5.78	4
25.60	5.70	.373	6.23	5.39	4
25.80	5.26	.277	5.64	4.99	4
26.00	4.83	.170	5.05	4.66	4
26.20	4.36	.067	4.45	4.31	4
26.40	3.89	.428	4.23	3.30	4
26.60	3.27	.713	4.02	2.32	4
26.80	2.25	.198	2.45	2.04	4
27.00	1.06	.271	1.43	.78	4
27.10	.73	.174	.92	.57	4
27.20	.48	.104	.56	.33	4
27.30	.33	.081	.38	.21	4
27.40	.37	.089	.45	.27	4
27.50	.59	.127	.67	.44	3
27.60	1.06	.205	1.20	.91	2

SOUND

MEAN	S.D.	MAX	MIN	N
1507	1.1	1509	1506	7
1505	1.2	1507	1503	14
1503	1.8	1506	1498	20
1501	2.0	1504	1496	27
1497	2.0	1501	1494	27
1494	1.9	1498	1491	27
1491	1.9	1495	1487	27
1488	1.7	1491	1484	27
1484	1.6	1487	1481	27
1481	1.5	1483	1478	27
1479	1.8	1483	1476	27
1479	1.5	1482	1476	27
1479	1.4	1482	1476	27
1479	1.4	1483	1477	27
1479	1.4	1483	1477	27
1478	1.3	1482	1476	27
1476	1.3	1479	1474	27
1475	1.1	1477	1473	27
1476	.9	1477	1474	27
1477	.7	1478	1475	26
1478	.6	1479	1477	26
1480	.6	1481	1479	25
1481	.7	1483	1480	23
1486	2.2	1488	1483	6

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	16.23	n/a	n/a	n/a	1
23.80	15.62	.460	16.35	15.10	8
24.00	14.71	.543	15.68	13.88	15
24.20	13.86	.518	14.84	12.94	21
24.40	12.98	.483	13.63	12.08	23
24.60	12.04	.490	12.96	11.28	23
24.80	11.12	.469	12.02	10.32	23
25.00	10.14	.471	11.08	9.43	23
25.20	9.16	.437	9.87	8.45	23
25.40	8.16	.428	9.08	7.34	23
25.60	7.46	.464	8.42	6.67	23
25.80	7.15	.476	8.25	6.49	23
26.00	6.99	.446	8.16	6.24	23
26.20	6.88	.383	7.97	6.31	23
26.40	6.78	.341	7.80	6.24	23
26.60	6.45	.292	7.36	5.99	23
26.80	5.33	.254	6.14	4.86	23
27.00	4.45	.202	4.88	4.11	22
27.10	4.16	.165	4.52	3.90	21
27.20	3.88	.158	4.15	3.65	21
27.30	3.55	.126	3.75	3.35	21
27.40	3.20	.103	3.39	3.02	21
27.50	2.74	.081	2.85	2.55	20
27.60	2.27	.061	2.38	2.20	6

SALINITY

MEAN	S.D.	MAX	MIN	N
32.241	n/a	n/a	n/a	1
32.354	.1276	32.587	32.212	8
32.355	.1423	32.619	32.110	15
32.391	.1218	32.639	32.170	21
32.435	.1120	32.647	32.234	23
32.467	.1100	32.654	32.290	23
32.503	.0990	32.683	32.341	23
32.530	.0978	32.709	32.361	23
32.565	.0881	32.710	32.417	23
32.620	.0826	32.791	32.479	23
32.746	.0883	32.940	32.606	23
32.948	.0879	33.140	32.828	23
33.172	.0802	33.379	33.043	23
33.406	.0673	33.598	33.309	23
33.642	.0594	33.822	33.552	23
33.839	.0492	33.996	33.765	23
33.917	.0383	34.042	33.850	23
34.043	.0280	34.103	33.996	22
34.131	.0223	34.180	34.095	21
34.219	.0205	34.256	34.189	21
34.304	.0154	34.329	34.280	21
34.387	.0118	34.410	34.368	21
34.461	.0085	34.473	34.440	20
34.538	.0049	34.547	34.533	6

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	30	n/a	n/a	n/a	1
23.80	23	8.6	33	5	8
24.00	25	6.9	36	12	15
24.20	29	6.7	38	11	21
24.40	33	5.2	41	22	23
24.60	36	4.9	46	26	23
24.80	40	4.6	51	29	23
25.00	45	5.6	59	33	23
25.20	53	7.9	69	38	23
25.40	69	15.0	103	41	23
25.60	90	14.9	120	47	23
25.80	106	13.8	133	59	23
26.00	119	14.6	143	65	23
26.20	132	14.2	151	71	23
26.40	155	13.6	172	86	23
26.60	192	17.8	219	109	23
26.80	298	17.9	329	146	23
27.00	457	21.4	508	248	23
27.10	558	24.1	609	403	22
27.20	679	27.3	745	501	21
27.30	823	26.6	895	643	21
27.40	1005	31.8	1097	791	21
27.50	1254	52.0	1397	970	21
27.60	1599	70.7	1668	1174	20
				1467	6

SVA

MEAN	S.D.	MAX	MIN	N
430.9	n/a	n/a	n/a	1
411.5	.22	411.8	411.1	8
392.5	.19	392.8	392.2	15
373.4	.21	373.8	373.1	21
354.4	.20	354.7	353.8	23
335.3	.23	335.7	334.7	23
316.3	.27	316.7	315.7	23
297.4	.23	297.7	296.9	23
278.5	.19	278.8	278.1	23
259.7	.23	260.1	259.3	23
240.8	.24	241.3	240.3	23
222.0	.23	222.4	221.3	23
203.2	.21	203.5	202.5	23
184.4	.19	184.7	183.8	23
165.7	.20	166.1	165.2	23
147.2	.28	147.9	146.7	23
129.0	.23	129.7	128.7	23
111.0	.25	111.5	110.7	22
102.2	.20	102.6	101.8	21
93.5	.20	93.8	93.1	21
84.7	.24	85.2	84.3	21
75.9	.20	76.4	75.5	21
66.9	.22	67.5	66.6	20
57.9	.25	58.2	57.5	6

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	16.22	n/a	n/a	n/a	1
23.80	15.62	.460	16.35	15.10	8
24.00	14.71	.543	15.67	13.87	15
24.20	13.85	.519	14.83	12.93	21
24.40	12.98	.486	13.63	12.07	23
24.60	12.03	.490	12.95	11.27	23
24.80	11.11	.468	12.01	10.32	23
25.00	10.13	.470	11.08	9.43	23
25.20	9.15	.436	9.87	8.44	23
25.40	8.16	.427	9.08	7.34	23
25.60	7.45	.464	8.41	6.66	23
25.80	7.14	.475	8.24	6.48	23
26.00	6.98	.446	8.15	6.23	23
26.20	6.87	.383	7.95	6.30	23
26.40	6.76	.343	7.79	6.22	23
26.60	6.43	.292	7.34	5.97	23
26.80	5.31	.255	6.11	4.83	23
27.00	4.41	.202	4.85	4.07	22
27.10	4.12	.165	4.48	3.85	21
27.20	3.83	.157	4.10	3.60	21
27.30	3.49	.125	3.69	3.29	21
27.40	3.12	.104	3.32	2.94	21
27.50	2.65	.083	2.76	2.46	20
27.60	2.16	.065	2.28	2.09	6

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
429.9	n/a	n/a	n/a	1
408.9	1.93	410.7	405.1	8
390.1	2.45	391.9	382.8	15
370.4	2.68	372.8	363.0	21
350.5	3.25	353.7	342.1	23
331.0	3.72	334.6	322.6	23
312.3	3.63	315.6	304.9	23
294.3	2.62	296.5	288.5	23
276.4	1.21	277.5	273.4	23
258.0	.66	258.5	256.6	23
239.1	.80	239.5	235.6	23
219.9	.77	220.4	216.8	23
201.1	.43	201.4	200.0	23
182.2	.20	182.4	181.7	23
163.2	.15	163.4	162.9	23
144.3	.05	144.4	144.2	23
125.3	.11	125.4	125.0	23
106.2	.11	106.3	106.0	22
96.4	.06	96.8	96.6	21
87.2	.04	87.5	87.1	21
77.7	.06	77.7	77.5	21
68.1	.06	68.1	67.9	21
58.5	.09	58.6	58.3	21
48.7	.16	49.0	48.6	20
				6

STATION MP12 S E P T E M B E R 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	1.400	n/a	n/a	n/a	1
23.80	1.001	.3790	1.520	.220	8
24.00	1.038	.3183	1.640	.480	15
24.20	1.180	.2889	1.750	.420	21
24.40	1.300	.2368	1.850	.840	23
24.60	1.427	.2262	1.950	1.090	23
24.80	1.557	.2129	2.040	1.230	23
25.00	1.708	.2424	2.370	1.390	23
25.20	1.924	.3003	2.700	1.500	23
25.40	2.374	.4662	3.310	1.670	23
25.60	2.888	.4432	3.710	2.090	23
25.80	3.273	.3865	3.950	2.240	23
26.00	3.538	.3908	4.150	2.370	23
26.20	3.799	.3765	4.390	2.660	23
26.40	4.147	.3607	4.770	3.060	23
26.60	4.779	.3935	5.430	3.630	23
26.80	6.237	.4034	7.000	5.030	23
27.00	8.139	.4343	8.870	6.890	22
27.10	9.226	.4410	9.960	8.210	21
27.20	10.425	.4382	11.190	9.380	21
27.30	11.717	.4241	12.640	10.700	21
27.40	13.189	.4595	14.270	12.220	21
27.50	14.969	.5733	16.450	13.820	20
27.60	17.110	.7382	17.770	16.140	6

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.21	n/a	n/a	n/a	1
.13	.073	.25	.01	8
.14	.074	.29	.03	15
.18	.074	.33	.02	21
.22	.071	.37	.09	23
.26	.077	.42	.16	23
.31	.078	.50	.20	23
.38	.102	.64	.26	23
.49	.147	.85	.31	23
.80	.324	1.53	.38	23
1.22	.380	2.04	.57	23
1.60	.375	2.44	.67	23
1.91	.411	2.73	.76	23
2.24	.433	2.98	.99	23
2.74	.465	3.59	1.39	23
3.87	.642	5.07	2.14	23
7.52	.901	8.95	4.94	23
14.91	1.426	18.18	11.12	22
20.58	1.752	24.40	16.68	21
28.20	2.222	32.92	24.46	21
38.17	2.509	45.09	34.18	21
52.00	3.258	61.77	48.01	21
72.84	5.735	89.69	65.29	20
104.41	8.225	113.04	90.07	6

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	12.279	n/a	n/a	n/a	1
23.80	12.129	.4456	12.981	11.653	7
24.00	12.007	.4457	12.836	11.141	13
24.20	11.878	.3433	12.558	11.032	19
24.40	11.766	.2923	12.154	10.915	21
24.60	11.652	.2836	12.108	10.805	21
24.80	11.530	.2717	11.950	10.702	21
25.00	11.386	.2558	11.807	10.605	21
25.20	11.173	.2517	11.632	10.515	21
25.40	10.732	.3143	11.334	10.081	21
25.60	10.226	.2327	10.628	9.636	21
25.80	9.836	.1806	10.125	9.327	21
26.00	9.563	.2009	9.947	9.126	21
26.20	9.301	.1985	9.661	8.937	21
26.40	8.943	.1985	9.285	8.588	21
26.60	8.302	.2473	8.686	7.851	21
26.80	6.853	.1771	7.292	6.610	21
27.00	4.945	.1819	5.434	4.570	21
27.10	3.847	.1952	4.361	3.484	21
27.20	2.650	.2235	2.937	2.069	21
27.30	1.358	.2101	1.621	.795	21
27.40	-0.114	.2477	.155	-0.835	21
27.50	-1.906	.3927	-1.332	-3.013	20
27.60	-4.053	.4906	-3.158	-4.551	6

ACC. POT.

MEAN	S.D.	MAX	MIN	N
13.566	n/a	n/a	n/a	1
13.073	.2445	13.505	12.785	7
13.013	.3264	13.439	12.284	13
12.986	.2867	13.372	12.225	19
12.936	.2725	13.306	12.160	21
12.870	.2710	13.237	12.090	21
12.798	.2695	13.164	12.014	21
12.717	.2673	13.086	11.932	21
12.627	.2624	13.002	11.846	21
12.516	.2514	12.893	11.752	21
12.367	.2322	12.728	11.645	21
12.183	.2104	12.528	11.528	21
11.972	.1885	12.307	11.399	21
11.737	.1668	12.066	11.255	21
11.473	.1501	11.801	11.072	21
11.160	.1361	11.484	10.843	21
10.721	.1151	11.007	10.504	21
10.046	.0869	10.259	9.913	21
9.599	.0708	9.763	9.495	21
9.054	.0501	9.179	8.973	21
8.389	.0328	8.457	8.335	21
7.583	.0193	7.636	7.553	21
6.561	.0378	6.624	6.467	20
5.313	.0514	5.373	5.246	6

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	6.22	n/a	n/a	n/a	1
24.00	6.16	.297	6.47	5.88	3
24.20	6.24	.416	6.70	5.89	3
24.40	6.32	.520	6.90	5.90	3
24.60	6.33	.526	6.92	5.91	3
24.80	6.53	.382	6.93	6.17	3
25.00	6.69	.442	6.96	6.18	3
25.20	6.70	.510	7.21	6.19	3
25.40	6.56	.411	7.02	6.23	3
25.60	6.29	.176	6.49	6.18	3
25.80	5.77	.148	5.94	5.67	3
26.00	5.22	.237	5.48	5.02	3
26.20	4.66	.320	4.98	4.34	3
26.40	4.17	.369	4.45	3.75	3
26.60	3.62	.262	3.80	3.32	3
26.80	2.45	.265	2.66	2.15	3
27.00	1.23	.202	1.45	1.05	3
27.10	.81	.028	.83	.79	3
27.20	.57	.007	.58	.57	2
27.30	.43	.000	.43	.43	2
27.40	.39	.071	.44	.34	2
27.50	.48	.092	.55	.42	2
27.60	.89	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1508	n/a	1509	1505	1
1507	1.5	1507	1501	8
1504	1.8	1504	1498	15
1501	1.8	1500	1495	21
1498	1.7	1498	1492	23
1495	1.8	1495	1489	23
1492	1.8	1492	1486	23
1488	1.8	1488	1482	23
1485	1.8	1485	1478	23
1482	1.7	1483	1476	23
1479	2.0	1483	1476	23
1479	1.9	1483	1476	23
1479	1.8	1483	1475	23
1479	1.6	1483	1476	23
1478	1.4	1483	1477	23
1476	1.3	1483	1477	23
1475	1.0	1479	1474	23
1476	.8	1477	1474	22
1477	.7	1477	1475	21
1478	.5	1477	1476	21
1479	.6	1479	1477	21
1482	.4	1480	1479	21
1486	.8	1483	1480	20
	.8	1486	1484	6

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	15.20	n/a	n/a	n/a	1
24.00	14.18	.177	14.30	14.05	2
24.20	13.84	.638	14.52	13.15	4
24.40	12.97	.598	13.83	12.14	9
24.60	12.06	.540	13.08	11.26	11
24.80	11.18	.520	12.03	10.43	11
25.00	10.23	.485	10.93	9.61	11
25.20	9.30	.424	9.88	8.76	11
25.40	8.40	.418	9.08	7.85	11
25.60	7.58	.545	8.48	6.78	11
25.80	7.18	.476	7.91	6.54	11
26.00	6.96	.349	7.45	6.37	11
26.20	6.80	.225	7.16	6.43	11
26.40	6.69	.227	7.01	6.35	11
26.60	6.43	.210	6.66	6.14	11
26.80	5.32	.171	5.63	5.01	11
27.00	4.36	.174	4.76	4.08	11
27.10	4.02	.153	4.41	3.82	11
27.20	3.77	.134	4.09	3.62	11
27.30	3.47	.113	3.71	3.34	11
27.40	3.15	.058	3.24	3.06	11
27.50	2.70	.043	2.76	2.64	10
27.60	2.23	.030	2.26	2.19	4

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
32.247	n/a	n/a	n/a	1
32.262	.0727	32.313	32.211	2
32.411	.1165	32.544	32.271	4
32.423	.1423	32.623	32.192	9
32.456	.1205	32.680	32.275	11
32.510	.0978	32.680	32.384	11
32.553	.0898	32.680	32.449	11
32.607	.0940	32.783	32.496	11
32.670	.0999	32.898	32.556	11
32.774	.1146	33.006	32.623	11
32.953	.0877	33.107	32.838	11
33.166	.0610	33.256	33.064	11
33.392	.0388	33.453	33.327	11
33.627	.0386	33.679	33.569	11
33.836	.0348	33.874	33.787	11
33.916	.0267	33.963	33.868	11
34.032	.0244	34.089	33.994	11
34.112	.0205	34.165	34.086	11
34.206	.0168	34.248	34.186	11
34.295	.0142	34.324	34.279	11
34.382	.0077	34.392	34.371	11
34.457	.0043	34.464	34.449	10
34.535	.0058	34.539	34.532	4

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	31	n/a	n/a	n/a	1
24.00	33	1.4	34	32	2
24.20	38	8.3	50	31	4
24.40	35	13.7	56	6	9
24.60	47	9.0	63	32	11
24.80	51	10.2	69	35	11
25.00	56	11.3	77	38	11
25.20	63	12.1	87	42	11
25.40	75	13.7	98	58	11
25.60	93	13.7	112	68	11
25.80	109	15.4	130	71	11
26.00	120	16.0	139	82	11
26.20	133	16.0	157	101	11
26.40	149	16.9	177	119	11
26.60	186	17.9	218	163	11
26.80	295	20.0	323	263	11
27.00	459	21.5	495	429	11
27.10	562	22.5	601	529	11
27.20	681	24.8	713	632	11
27.30	834	23.7	876	803	11
27.40	1022	28.3	1056	968	11
27.50	1266	44.3	1312	1179	10
27.60	1644	34.0	1682	1602	4

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
411.6	n/a	n/a	n/a	1
392.4	.14	392.5	392.3	2
373.5	.45	374.1	373.1	4
354.5	.35	354.9	353.9	9
335.6	.25	335.9	335.2	11
316.6	.18	317.0	316.4	11
297.6	.29	298.2	297.1	11
278.6	.31	279.2	278.0	11
259.7	.33	260.2	259.0	11
240.9	.31	241.3	240.2	11
222.0	.28	222.5	221.5	11
203.2	.25	203.6	202.8	11
184.4	.24	184.8	184.1	11
165.7	.27	166.1	165.3	11
147.2	.28	147.6	146.8	11
129.0	.27	129.4	128.6	11
111.0	.22	111.3	110.7	11
102.1	.20	102.4	101.8	11
93.3	.24	93.7	93.0	11
84.6	.25	85.1	84.2	11
75.8	.20	76.2	75.5	11
66.8	.22	67.1	66.4	10
58.1	.13	58.2	57.9	4

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	15.19	n/a	n/a	n/a	1
24.00	14.16	.177	14.29	14.04	2
24.20	13.84	.639	14.52	13.14	4
24.40	12.97	.598	13.82	12.14	9
24.60	12.05	.542	13.08	11.26	11
24.80	11.17	.521	12.03	10.42	11
25.00	10.23	.481	10.92	9.61	11
25.20	9.29	.424	9.87	8.75	11
25.40	8.39	.415	9.07	7.85	11
25.60	7.57	.546	8.47	6.77	11
25.80	7.17	.476	7.90	6.53	11
26.00	6.95	.349	7.45	6.36	11
26.20	6.79	.227	7.15	6.41	11
26.40	6.68	.228	6.99	6.34	11
26.60	6.41	.210	6.64	6.12	11
26.80	5.30	.171	5.61	4.95	11
27.00	4.33	.173	4.73	4.05	11
27.10	3.98	.153	4.37	3.78	11
27.20	3.72	.134	4.04	3.57	11
27.30	3.41	.113	3.65	3.28	11
27.40	3.08	.059	3.17	2.99	11
27.50	2.61	.046	2.68	2.55	10
27.60	2.11	.031	2.14	2.07	4

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
407.9	n/a	n/a	n/a	1
386.0	1.76	387.2	384.7	2
368.7	4.40	372.7	364.2	4
351.2	3.20	353.7	345.7	9
332.2	2.29	334.4	329.0	11
312.9	2.31	315.1	309.3	11
294.0	2.90	296.5	288.5	11
275.4	2.62	277.5	268.7	11
257.5	2.37	258.5	250.4	11
238.7	1.70	239.5	233.7	11
219.9	.80	220.5	218.1	11
201.0	.49	201.4	199.9	11
182.1	.23	182.4	181.8	11
163.3	.19	163.4	162.8	11
144.4	.04	144.4	144.3	11
125.3	.10	125.4	125.1	11
106.2	.12	106.3	106.0	11
96.7	.08	96.8	96.6	11
87.2	.06	87.3	87.1	11
77.7	.05	77.7	77.6	11
68.1	.07	68.1	67.9	11
58.5	.13	58.6	58.3	10
48.6	.05	48.7	48.6	4

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	1.330	n/a	n/a	n/a	1
24.00	1.380	.0707	1.430	1.330	2
24.20	1.517	.3147	1.930	1.170	4
24.40	1.310	.5482	2.170	.210	9
24.60	1.739	.3237	2.400	1.140	11
24.80	1.873	.3592	2.620	1.250	11
25.00	2.029	.3925	2.840	1.340	11
25.20	2.231	.4367	3.140	1.430	11
25.40	2.561	.4619	3.420	1.890	11
25.60	3.012	.4546	3.750	2.310	11
25.80	3.364	.4732	4.050	2.390	11
26.00	3.615	.4888	4.390	2.620	11
26.20	3.868	.4913	4.740	3.000	11
26.40	4.141	.5017	5.090	3.310	11
26.60	4.723	.5094	5.720	3.990	11
26.80	6.258	.5250	6.890	5.370	11
27.00	8.198	.4920	8.800	7.370	11
27.10	9.306	.4906	9.900	8.470	11
27.20	10.483	.5188	11.090	9.480	11
27.30	11.855	.4645	12.540	11.030	11
27.40	13.377	.5375	13.960	12.470	11
27.50	15.085	.6179	15.830	14.190	10
27.60	17.763	.2081	18.010	17.520	4

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
.21	n/a	n/a	n/a	1
.23	.021	.25	.22	2
.30	.132	.49	.18	4
.26	.173	.62	.01	9
.43	.159	.77	.19	11
.50	.194	.91	.22	11
.59	.228	1.08	.26	11
.72	.271	1.33	.30	11
.96	.338	1.60	.53	11
1.35	.378	1.94	.77	11
1.72	.433	2.35	.83	11
2.01	.488	2.77	1.01	11
2.34	.544	3.30	1.36	11
2.74	.612	3.88	1.71	11
3.74	.732	5.17	2.70	11
7.44	1.065	8.81	5.69	11
15.04	1.470	17.49	12.77	11
20.85	1.746	23.93	18.21	11
28.35	2.160	31.14	24.20	11
39.03	2.246	43.13	35.69	11
53.55	2.996	57.19	48.53	11
74.45	3.022	79.83	65.14	10
110.70	3.771	114.62	106.57	4

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	12.163	n/a	n/a	n/a	1
24.00	12.136	.1074	12.212	12.060	2
24.20	11.879	.1906	12.101	11.669	4
24.40	11.843	.5169	13.012	11.341	9
24.60	11.393	.3322	11.899	10.747	11
24.80	11.258	.3573	11.808	10.629	11
25.00	11.103	.3570	11.668	10.519	11
25.20	10.900	.3195	11.268	10.417	11
25.40	10.570	.2879	10.991	10.173	11
25.60	10.120	.2445	10.476	9.809	11
25.80	9.766	.2120	10.154	9.543	11
26.00	9.514	.2026	9.923	9.205	11
26.20	9.262	.1940	9.546	8.856	11
26.40	8.990	.2217	9.238	8.512	11
26.60	8.408	.2095	8.612	7.874	11
26.80	6.904	.1766	7.178	6.682	11
27.00	4.932	.1709	5.176	4.606	11
27.10	3.824	.1856	4.089	3.461	11
27.20	2.648	.2031	3.083	2.410	11
27.30	1.276	.1832	1.521	.951	11
27.40	-0.245	.2197	.175	-0.508	11
27.50	-2.000	.3417	-1.329	-2.355	10
27.60	-4.408	.2340	-4.142	-4.673	4

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
13.455	n/a	n/a	n/a	1
13.441	.0686	13.489	13.392	2
13.304	.2613	13.535	12.934	4
13.070	.3413	13.433	12.538	9
12.978	.3054	13.319	12.434	11
12.884	.2991	13.198	12.333	11
12.782	.2932	13.112	12.226	11
12.669	.2839	13.013	12.113	11
12.540	.2710	12.869	11.993	11
12.383	.2559	12.672	11.869	11
12.191	.2357	12.451	11.738	11
11.974	.2117	12.233	11.598	11
11.734	.1878	11.986	11.424	11
11.469	.1663	11.710	11.216	11
11.167	.1460	11.401	10.961	11
10.738	.1192	10.939	10.584	11
10.061	.0838	10.203	9.951	11
9.606	.0646	9.719	9.513	11
9.058	.0500	9.150	8.983	11
8.395	.0360	8.471	8.334	11
7.581	.0184	7.614	7.545	11
6.547	.0229	6.582	6.512	10
5.245	.0472	5.313	5.205	4

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	6.35	n/a	n/a	n/a	1
24.80	6.40	n/a	n/a	n/a	1
25.00	6.45	n/a	n/a	n/a	1
25.20	6.49	n/a	n/a	n/a	1
25.40	6.49	n/a	n/a	n/a	1
25.60	6.27	n/a	n/a	n/a	1
25.80	5.84	n/a	n/a	n/a	1
26.00	5.64	n/a	n/a	n/a	1
26.20	5.21	n/a	n/a	n/a	1
26.40	4.66	n/a	n/a	n/a	1
26.60	3.99	n/a	n/a	n/a	1
26.80	2.45	n/a	n/a	n/a	1
27.00	1.35	n/a	n/a	n/a	1
27.10	.94	n/a	n/a	n/a	1
27.20	.67	n/a	n/a	n/a	1
27.30	.55	n/a	n/a	n/a	1
27.40	.54	n/a	n/a	n/a	1
27.50	.65	n/a	n/a	n/a	1
27.60	1.12	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
1505	n/a	n/a	n/a	1
1502	.7	1502	1501	2
1501	2.1	1503	1499	4
1498	2.1	1501	1495	9
1495	2.1	1499	1492	11
1492	1.8	1495	1490	11
1489	1.8	1491	1487	11
1486	1.5	1488	1484	11
1483	1.8	1485	1480	11
1480	2.2	1483	1477	11
1479	2.0	1481	1476	11
1478	1.4	1480	1476	11
1478	.9	1480	1477	11
1478	1.1	1480	1477	11
1478	1.0	1479	1477	11
1476	.9	1477	1474	11
1475	.7	1476	1474	11
1475	.6	1476	1474	11
1476	.7	1477	1475	11
1478	.7	1479	1477	11
1479	.6	1480	1478	11
1482	.7	1482	1480	10
1486	.5	1486	1485	4

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	12.80	n/a	n/a	n/a	1
24.60	11.69	.283	11.89	11.49	2
24.80	10.85	.315	11.16	10.26	6
25.00	10.01	.192	10.25	9.70	9
25.20	9.12	.142	9.32	8.89	9
25.40	8.30	.241	8.66	8.04	9
25.60	7.74	.386	8.34	7.36	9
25.80	7.53	.401	8.13	7.03	9
26.00	7.40	.388	7.94	6.89	9
26.20	7.22	.426	7.74	6.40	9
26.40	7.03	.329	7.47	6.38	9
26.60	6.62	.184	6.79	6.20	9
26.80	5.48	.107	5.62	5.29	9
27.00	4.51	.117	4.69	4.37	9
27.10	4.17	.085	4.30	4.08	9
27.20	3.83	.094	4.03	3.72	9
27.30	3.52	.090	3.70	3.36	9
27.40	3.15	.088	3.29	2.95	9
27.50	2.72	.052	2.81	2.66	6
27.60	2.24	.042	2.29	2.21	3

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	32.346	n/a	n/a	n/a	1
24.60	32.343	.0753	32.396	32.290	2
24.80	32.406	.0723	32.475	32.271	6
25.00	32.480	.0384	32.524	32.410	9
25.20	32.556	.0219	32.583	32.522	9
25.40	32.649	.0439	32.717	32.593	9
25.60	32.792	.0710	32.901	32.721	9
25.80	33.013	.0743	33.132	32.921	9
26.00	33.243	.0695	33.346	33.150	9
26.20	33.465	.0748	33.557	33.321	9
26.40	33.684	.0568	33.761	33.573	9
26.60	33.867	.0314	33.896	33.797	9
26.80	33.939	.0160	33.960	33.909	9
27.00	34.051	.0162	34.075	34.031	9
27.10	34.132	.0109	34.148	34.119	9
27.20	34.214	.0120	34.238	34.199	9
27.30	34.300	.0125	34.322	34.281	9
27.40	34.382	.0103	34.398	34.361	9
27.50	34.460	.0040	34.468	34.454	6
27.60	34.536	.0000	34.539	34.534	3

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	48	n/a	n/a	n/a	1
24.60	30	29.7	51	9	2
24.80	54	9.9	70	42	6
25.00	59	9.1	73	49	9
25.20	65	9.9	78	55	9
25.40	76	14.8	103	58	9
25.60	90	15.0	113	62	9
25.80	102	15.3	120	71	9
26.00	114	13.1	134	92	9
26.20	126	13.1	148	106	9
26.40	145	14.6	162	128	9
26.60	186	24.7	214	158	9
26.80	293	28.9	334	242	9
27.00	461	27.3	493	399	9
27.10	560	30.3	596	492	9
27.20	679	30.6	721	619	9
27.30	829	30.8	868	778	9
27.40	1012	42.2	1089	945	9
27.50	1262	64.9	1365	1176	6
27.60	1718	191.1	1934	1570	3

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	354.9	n/a	n/a	n/a	1
24.60	335.3	.64	335.8	334.9	2
24.80	316.8	.21	317.1	316.6	6
25.00	297.7	.18	298.0	297.6	9
25.20	278.7	.20	279.0	278.5	9
25.40	259.8	.28	260.3	259.5	9
25.60	240.9	.38	241.4	240.5	9
25.80	222.1	.56	222.5	221.6	9
26.00	203.2	.55	203.6	202.8	9
26.20	184.4	.38	184.8	183.9	9
26.40	165.7	.30	166.1	165.3	9
26.60	147.2	.41	147.7	146.7	9
26.80	129.1	.37	129.6	128.4	9
27.00	111.2	.33	111.7	110.6	9
27.10	102.2	.26	102.6	101.8	9
27.20	93.4	.31	93.8	92.9	9
27.30	84.6	.30	85.0	84.2	9
27.40	75.8	.21	76.1	75.4	9
27.50	66.9	.39	67.6	66.5	6
27.60	58.4	1.00	59.5	57.6	3

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	12.79	n/a	n/a	n/a	1
24.60	11.69	.283	11.89	11.49	2
24.80	10.84	.313	11.16	10.26	6
25.00	10.00	.190	10.25	9.70	9
25.20	9.11	.138	9.31	8.89	9
25.40	8.29	.242	8.65	8.03	9
25.60	7.73	.384	8.33	7.35	9
25.80	7.52	.398	8.12	7.02	9
26.00	7.38	.387	7.92	6.88	9
26.20	7.21	.423	7.72	6.39	9
26.40	7.01	.326	7.45	6.37	9
26.60	6.60	.183	6.77	6.18	9
26.80	5.45	.105	5.60	5.27	9
27.00	4.47	.115	4.65	4.33	9
27.10	4.13	.086	4.26	4.04	9
27.20	3.78	.094	3.98	3.67	9
27.30	3.46	.087	3.63	3.30	9
27.40	3.08	.088	3.22	2.88	9
27.50	2.63	.051	2.75	2.57	6
27.60	2.12	.025	2.15	2.10	3

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	353.5	n/a	n/a	n/a	1
24.60	333.9	.57	334.3	333.5	2
24.80	314.9	.49	315.5	314.2	6
25.00	295.8	.80	296.4	293.8	9
25.20	276.4	1.05	277.4	274.6	9
25.40	257.7	.78	258.5	256.1	9
25.60	239.3	.14	239.5	239.1	9
25.80	220.0	.40	220.4	219.3	9
26.00	201.1	.41	201.4	200.2	9
26.20	182.2	.21	182.4	181.8	9
26.40	163.3	.16	163.4	162.9	9
26.60	144.3	.03	144.4	144.3	9
26.80	125.2	.19	125.4	124.9	9
27.00	106.2	.12	106.4	106.0	9
27.10	96.7	.06	96.8	96.6	9
27.20	87.2	.03	87.2	87.1	9
27.30	77.6	.05	77.7	77.6	9
27.40	68.1	.09	68.1	67.9	9
27.50	58.4	.12	58.6	58.3	6
27.60	48.7	.10	48.8	48.6	3

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	1.760	n/a	n/a	n/a	1
24.60	1.090	1.1172	1.880	.300	2
24.80	1.830	.3317	2.310	1.380	6
25.00	1.916	.3203	2.400	1.560	9
25.20	2.106	.3329	2.540	1.690	9
25.40	2.397	.4788	3.240	1.820	9
25.60	2.756	.4556	3.490	1.990	9
25.80	3.036	.4665	3.650	2.190	9
26.00	3.283	.4278	3.870	2.620	9
26.20	3.511	.4327	4.150	2.900	9
26.40	3.848	.4550	4.400	3.280	9
26.60	4.490	.6145	5.170	3.810	9
26.80	5.968	.6535	6.740	4.910	9
27.00	7.997	.6102	8.720	6.790	9
27.10	9.060	.6435	9.790	7.790	9
27.20	10.230	.6615	11.140	9.030	9
27.30	11.574	.6683	12.410	10.450	9
27.40	13.063	.7285	13.900	11.800	9
27.50	14.687	.8836	15.940	13.450	6
27.60	17.913	1.6254	19.610	16.370	3

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	.43	n/a	n/a	n/a	1
24.60	.25	.339	.49	.01	2
24.80	.52	.189	.83	.29	6
25.00	.58	.187	.89	.40	9
25.20	.71	.214	1.00	.48	9
25.40	.93	.365	1.65	.55	9
25.60	1.24	.388	1.93	.62	9
25.80	1.52	.429	2.13	.75	9
26.00	1.79	.426	2.40	1.11	9
26.20	2.07	.465	2.81	1.39	9
26.40	2.54	.542	3.20	1.85	9
26.60	3.65	.933	4.68	2.63	9
26.80	7.29	1.457	9.29	4.91	9
27.00	15.11	1.897	17.42	11.03	9
27.10	20.70	2.380	23.65	15.63	9
27.20	28.14	2.838	32.05	22.68	9
27.30	38.55	3.292	42.76	32.89	9
27.40	52.66	4.674	60.08	44.80	9
27.50	73.20	7.274	83.92	62.76	6
27.60	119.40	23.951	146.13	99.89	3

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	11.290	n/a	n/a	n/a	1
24.60	12.056	1.2544	12.943	11.169	2
24.80	11.135	.3407	11.601	10.540	6
25.00	10.974	.2423	11.327	10.422	9
25.20	10.786	.2097	11.072	10.326	9
25.40	10.494	.1572	10.693	10.243	9
25.60	10.133	.1183	10.293	9.945	9
25.80	9.854	.1388	10.096	9.668	9
26.00	9.608	.1595	9.916	9.375	9
26.20	9.379	.1586	9.646	9.093	9
26.40	9.043	.1323	9.183	8.844	9
26.60	8.401	.2277	8.753	8.073	9
26.80	6.922	.2174	7.222	6.608	9
27.00	4.893	.1965	5.351	4.688	9
27.10	3.828	.2263	4.346	3.573	9
27.20	2.659	.2293	3.109	2.334	9
27.30	1.315	.2328	1.685	1.020	9
27.40	-0.173	.3299	.339	-0.780	9
27.50	-1.958	.4775	-1.308	-2.700	6
27.60	-4.877	1.3274	-3.824	-6.368	3

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	12.988	n/a	n/a	n/a	1
24.60	13.063	.2425	13.234	12.891	2
24.80	12.859	.5058	13.400	12.974	6
25.00	12.733	.4152	13.263	11.978	9
25.20	12.614	.4004	13.121	11.875	9
25.40	12.481	.3802	12.952	11.766	9
25.60	12.325	.3522	12.743	11.652	9
25.80	12.142	.3247	12.521	11.528	9
26.00	11.937	.2993	12.289	11.381	9
26.20	11.711	.2799	12.060	11.193	9
26.40	11.459	.2586	11.797	10.976	9
26.60	11.159	.2290	11.464	10.714	9
26.80	10.735	.1817	10.974	10.357	9
27.00	10.061	.1316	10.236	9.794	9
27.10	9.606	.1051	9.742	9.399	9
27.20	9.055	.0800	9.160	8.905	9
27.30	8.392	.0533	8.465	8.289	9
27.40	7.574	.0215	7.604	7.536	9
27.50	6.574	.0330	6.624	6.544	6
27.60	5.284	.0380	5.326	5.252	3

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	6.38	n/a	n/a	n/a	1
24.80	6.26	.156	6.37	6.15	2
25.00	6.32	.214	6.49	6.08	3
25.20	6.33	.289	6.59	6.02	3
25.40	6.27	.474	6.66	5.74	3
25.60	5.98	.575	6.34	5.32	3
25.80	5.48	.681	6.03	4.72	3
26.00	4.95	.697	5.51	4.17	3
26.20	4.51	.563	4.97	3.88	3
26.40	4.13	.323	4.40	3.77	3
26.60	3.63	.217	3.79	3.38	3
26.80	2.46	.426	2.94	2.12	3
27.00	1.03	.202	1.25	.85	3
27.10	.78	.166	.93	.60	3
27.20	.52	.114	.60	.39	3
27.30	.38	.087	.43	.28	3
27.40	.36	.045	.40	.31	3
27.50	.54	.049	.58	.51	2
27.60	1.07	n/a	n/a	n/a	1

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	1498	n/a	n/a	n/a	1
24.60	1494	2.1	1495	1492	2
24.80	1491	1.2	1492	1489	6
25.00	1488	.9	1489	1487	9
25.20	1485	.7	1486	1484	9
25.40	1482	1.2	1484	1481	9
25.60	1481	1.7	1483	1479	9
25.80	1480	2.0	1483	1478	9
26.00	1480	1.6	1483	1478	9
26.20	1480	1.9	1482	1476	9
26.40	1480	1.5	1482	1477	9
26.60	1479	1.1	1480	1477	9
26.80	1476	.7	1477	1475	9
27.00	1475	.9	1477	1474	9
27.10	1476	.5	1476	1475	9
27.20	1476	.7	1477	1475	9
27.30	1477	.5	1478	1477	9
27.40	1479	.7	1480	1478	9
27.50	1482	.8	1483	1481	6
27.60	1487	3.2	1491	1485	3

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.03	.057	11.07	10.99	2
25.00	10.02	.466	11.03	9.50	11
25.20	9.21	.497	10.35	8.57	15
25.40	8.30	.465	9.52	7.80	16
25.60	7.49	.432	8.46	6.93	16
25.80	7.00	.393	7.69	6.28	16
26.00	6.89	.272	7.34	6.42	16
26.20	6.79	.246	7.16	6.46	16
26.40	6.68	.221	7.13	6.46	16
26.60	6.40	.176	6.73	6.11	16
26.80	5.24	.238	5.61	4.77	16
27.00	4.36	.178	4.76	4.03	15
27.10	4.07	.119	4.38	3.86	15
27.20	3.79	.087	4.04	3.62	15
27.30	3.50	.112	3.68	3.18	15
27.40	3.13	.119	3.32	2.87	14
27.50	2.71	.104	2.90	2.53	11
27.60	2.15	.010	2.16	2.14	3

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.438	.0150	32.447	32.429	2
32.481	.0975	32.695	32.368	11
32.573	.0989	32.805	32.435	15
32.649	.0912	32.884	32.547	16
32.751	.0834	32.954	32.647	16
32.920	.0753	33.085	32.794	16
33.153	.0509	33.263	33.071	16
33.390	.0418	33.452	33.333	16
33.625	.0378	33.702	33.586	16
33.830	.0292	33.885	33.783	16
33.904	.0346	33.958	33.835	16
34.031	.0245	34.087	33.986	15
34.118	.0158	34.162	34.090	15
34.208	.0111	34.241	34.187	15
34.298	.0131	34.320	34.263	15
34.380	.0131	34.401	34.352	14
34.457	.0112	34.478	34.437	11
34.529	.0043	34.529	34.528	3

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	51	.7	51	50	2
25.00	58	10.7	76	39	11
25.20	66	9.0	85	55	15
25.40	74	9.7	94	59	16
25.60	86	8.7	109	74	16
25.80	105	12.5	129	88	16
26.00	119	14.0	142	94	16
26.20	134	16.0	158	99	16
26.40	156	15.7	176	115	16
26.60	193	18.8	213	147	16
26.80	296	31.5	345	239	16
27.00	459	29.7	511	402	15
27.10	562	27.7	616	513	15
27.20	685	33.6	748	645	15
27.30	840	69.5	1068	793	15
27.40	1035	71.1	1246	971	14
27.50	1284	69.1	1452	1209	11
27.60	1742	26.8	1772	1720	3

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
316.7	.04	316.7	316.7	2
297.7	.22	298.1	297.5	11
278.7	.19	279.1	278.5	15
259.7	.19	260.1	259.5	16
240.8	.17	241.2	240.6	16
222.0	.20	222.4	221.6	16
203.2	.24	203.6	202.7	16
184.4	.27	184.9	184.0	16
165.8	.27	166.2	165.2	16
147.2	.26	147.6	146.7	16
128.9	.28	129.4	128.4	16
111.0	.22	111.4	110.6	15
102.2	.23	102.6	101.8	15
93.4	.33	93.7	93.1	15
84.7	.33	85.6	84.3	15
75.9	.28	76.5	75.4	14
66.9	.20	67.2	66.6	11
58.2	.10	58.3	58.1	3

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.03	.057	11.07	10.99	2
25.00	10.01	.465	11.02	9.50	11
25.20	9.20	.496	10.34	8.57	15
25.40	8.30	.463	9.51	7.79	16
25.60	7.48	.432	8.45	6.92	16
25.80	6.99	.393	7.68	6.27	16
26.00	6.88	.273	7.34	6.41	16
26.20	6.78	.248	7.15	6.44	16
26.40	6.67	.222	7.12	6.44	16
26.60	6.38	.177	6.71	6.09	16
26.80	5.22	.238	5.58	4.75	16
27.00	4.33	.176	4.72	3.99	15
27.10	4.02	.119	4.34	3.81	15
27.20	3.74	.087	3.99	3.57	15
27.30	3.44	.114	3.62	3.11	15
27.40	3.06	.122	3.25	2.78	14
27.50	2.62	.106	2.81	2.43	11
27.60	2.03	.010	2.04	2.02	3

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
315.6	.08	315.6	315.6	2
296.0	.52	296.6	295.0	11
276.7	1.12	277.5	274.0	15
257.8	.80	258.4	256.1	16
239.0	.88	239.5	236.0	16
220.0	.97	220.4	216.7	16
201.1	.67	201.4	198.8	16
182.3	.15	182.4	181.9	16
163.3	.19	163.4	162.8	16
144.3	.07	144.5	144.2	16
125.3	.13	125.4	125.0	16
106.2	.09	106.3	106.0	15
96.7	.06	96.8	96.6	15
87.2	.04	87.2	87.1	15
77.6	.11	77.7	77.3	15
68.1	.10	68.2	67.8	14
58.5	.11	58.6	58.3	11
48.5	.12	48.6	48.4	3

STATION MP12 D E C E M B E R 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	1.630	.0141	1.640	1.620	2
25.00	1.792	.3264	2.330	1.180	11
25.20	2.011	.2683	2.580	1.650	15
25.40	2.199	.2705	2.810	1.780	16
25.60	2.516	.2562	3.200	2.130	16
25.80	2.947	.3485	3.650	2.490	16
26.00	3.256	.3652	3.880	2.600	16
26.20	3.549	.4036	4.210	2.700	16
26.40	3.925	.3883	4.570	2.970	16
26.60	4.510	.4224	5.140	3.470	16
26.80	5.928	.5897	6.970	4.970	16
27.00	7.893	.5753	8.980	6.900	15
27.10	8.993	.5491	10.050	8.090	15
27.20	10.207	.5807	11.210	9.390	15
27.30	11.603	.8505	14.020	10.780	15
27.40	13.209	.8845	15.470	12.170	14
27.50	15.099	.8480	16.960	14.110	11
27.60	18.573	.4067	19.000	18.190	3

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.42	.007	.43	.42	2
.55	.199	.91	.23	11
.69	.193	1.12	.46	15
.83	.212	1.33	.53	16
1.09	.330	1.74	.79	16
1.52	.366	2.29	1.10	16
1.88	.421	2.60	1.21	16
2.27	.506	3.10	1.30	16
2.83	.533	3.71	1.61	16
3.88	.698	4.86	2.28	16
7.47	1.497	10.06	5.01	16
15.05	2.033	18.85	11.38	15
20.81	2.263	25.05	16.96	15
28.59	2.969	33.93	24.66	15
39.69	6.677	61.24	35.01	15
54.99	7.973	78.57	47.65	14
76.86	8.882	99.29	68.73	11
125.41	6.778	133.12	120.38	3

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.218	.1499	11.324	11.112	2
25.00	11.072	.3880	11.898	10.439	10
25.20	10.802	.2713	11.258	10.316	14
25.40	10.600	.2828	11.117	10.064	15
25.60	10.300	.2246	10.681	9.931	15
25.80	9.880	.1498	10.188	9.652	15
26.00	9.574	.1430	9.814	9.277	15
26.20	9.284	.1908	9.600	8.963	15
26.40	8.908	.2190	9.322	8.561	15
26.60	8.332	.2016	8.821	7.978	15
26.80	6.910	.2864	7.511	6.534	15
27.00	4.934	.2470	5.411	4.524	15
27.10	3.833	.2124	4.223	3.422	15
27.20	2.621	.2418	2.928	2.116	15
27.30	1.225	.5753	1.594	-0.689	15
27.40	-0.356	.5904	.145	-2.145	14
27.50	-2.162	.5803	-1.587	-3.637	11
27.60	-5.214	.4021	-4.943	-5.676	3

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.827	.1598	12.940	12.714	2
12.833	.3756	13.464	12.283	10
12.683	.3650	13.309	12.174	14
12.549	.3424	13.139	12.050	15
12.398	.3315	12.950	11.907	15
12.216	.3145	12.724	11.744	15
12.005	.2914	12.470	11.563	15
11.767	.2671	12.209	11.354	15
11.498	.2430	11.914	11.113	15
11.181	.2234	11.568	10.824	15
10.745	.1873	11.091	10.461	15
10.071	.1352	10.357	9.891	15
9.618	.1170	9.896	9.486	15
9.071	.0994	9.343	8.972	15
8.401	.0547	8.541	8.341	15
7.573	.0313	7.608	7.486	14
6.521	.1081	6.633	6.231	11
5.043	.2390	5.201	4.768	3

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1492	.0	1492	1492	2
1488	1.9	1492	1486	11
1485	1.9	1490	1483	15
1482	1.9	1487	1480	16
1479	1.7	1483	1477	16
1478	1.8	1481	1475	16
1478	1.2	1480	1476	16
1478	1.3	1480	1477	16
1479	1.3	1481	1477	16
1478	.9	1480	1477	16
1475	.8	1477	1474	16
1475	.6	1476	1474	15
1475	.5	1476	1475	15
1476	.5	1477	1476	15
1478	.8	1480	1477	15
1479	1.0	1482	1478	14
1482	.8	1484	1481	11
1487	.6	1488	1487	3